

C.No.1/2/TARIFF-II/2006  
GOVERNMENT OF PAKISTAN  
REVENUE DIVISION  
(CENTRAL BOARD OF REVENUE)

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Islamabad, the 28<sup>th</sup> August, 2007.

**CUSTOMS GENERAL ORDER NO. 11/2007**

Subject: **LIST OF LOCALLY MANUFACTURED GOODS/ITEMS FOR THE PURPOSES OF CONCESSIONARY NOTIFICATIONS ETC.**

The goods detailed in the appended list of this CGO are manufactured locally. This list is compiled and updated by the Engineering Development Board in consultation with stakeholders. Henceforth the appended list of locally manufactured goods is applicable for reference purposes to all the exemptions/concessionary notifications.

2. The Collectors of Customs and the staff responsible for allowing concessions under different notifications/orders are advised to follow this list for the purposes of allowing concessions from customs duties and sales tax etc. The information if any, alongwith evidence regarding the local manufacture of goods, not indicated in the list, may be forwarded to the CBR forthwith so that the list of locally manufactured goods/items is up-dated in consultation with the Engineering Development Board.

3. The Collectors are, however, authorized to allow release of goods/items indicated in the list of locally manufactured goods/items against bank guarantee for a period of three months if the importer produces a certificate issued by the renowned local manufacturers of the disputed items from Engineering Development Board stating that the imported item is not being manufactured locally and the importer shall produce a clarification from CBR to this effect within the above stated period of three months.

4. This Customs General Order supersedes Chapter XI of CGO 12/2002 dated 15<sup>th</sup> June 2002 and all other instructions on the subject.

**(MUHAMMAD SALEEM)  
SECRETARY (TARIFF-II)**

**All Collectors of Customs, Sales Tax &  
Federal Excise.**

## LIST OF LOCALLY MANUFACTURED GOODS (CGO)

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
1	1520.0000	Glycerol (glycerin), crude	Glycerol % 99 Min. Boiling point 250 Min, Iron content (ppm) 0.5 max. Chloride (PPM) 2.0 max.	Appearance Clear white liquid, Sugar +ve (0.25) Specific Gravity 1.256 ~ 1.260	Acidity as Na <sub>2</sub> O 0.00052%, Fatty Acids & Easter as Na <sub>2</sub> O Eqv. 0.0077%	Nimir Industrial Chemicals Ltd. 51-N, Industrial Area, Gulberg II, Lahore.
2	2501.0010	Sodium Chloride	Pyrogen free grade	Salt including table salt and Pure Sodium Chloride	NaCl	Hub-Pak Salt Refinery C-206 Hub Industrial Trading Estate Hub, Balochistan
3	2501.0090	Sodium Chloride	Pyrogen free grade	Salt including table salt and Pure Sodium Chloride	NaCl	Hub-Pak Salt Refinery C-206 Hub Industrial Trading Estate Hub, Balochistan
4	2508.1000	Bentonite	Viscosity (Fann viscometer 600 RPM): 15 cps. min. Filtrate Loss (at 100 psi, 30 min.): 15 cc max. pH: 9-10 F36  (Excluding untreated Bentonite meeting API specifications)	Dry Particle Size: 80% < 200 mesh Wet Particle Size: 80-90% < 0.5 micron Residue 75 microns: 4% max. Moisture: 10% max.	SiO <sub>2</sub> : 50 – 60 % Al <sub>2</sub> O <sub>3</sub> : 15 – 20 % Fe <sub>2</sub> O <sub>3</sub> : 2 – 4 % MgO: 4 – 6 % CaO: 3 – 6 % K <sub>2</sub> O: 0.2 – 0.5 % TiO <sub>2</sub> : 0.2 – 0.5 % Others: 0.5 – 1 % Moisture: 5 – 10 % Loss on Ignition: 10 – 15 %	Ahmad Saeed and Company 19-A, Mahmood Ghaznavi (Abbot) Road Lahore – 54000
5	2618.0000	Granulated Slag	--	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
6	2619.0000	Slag, dross	Other than granulated slag and other waste of iron or steel	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
7	2704.0010	Coke	26mm and above	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
8	2704.0090	Coke Dust	0-1mm	--	Moisture Content 10% (Max); Ash Content 14% (Max); Volatile matter 4% (Max); Sulphur 0.70% (Max); Calorific Value 6000 to 8000 Kcal/kg	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
9	2706.0010	Coal Tar	--	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
10	2801.1000	Chlorine	99.90%	Yellow liquid with very irritating odor	Cl <sub>2</sub>	Sitara Chemical Industries Ltd. 32-KM Sheikupura Road, Faisalabad
11	2803.0010	Carbon Black (Rubber Grade)	N-220, N-330, N-339, N-375, N-326, N-550, N-660 and N-77	N-220, N-330, N-339, N-375, N-550, N-660, N-7	C % 97-98	National Petrocarbon (Pvt) Ltd. 301-304 3rd Floor Beamount Plaza behind PIDC House Karachi
12	2806.1000	Acid, Hydrochloric	35% (+/-1)	Colorless to yellow liquid	HCl	Sitara Chemical Industries Ltd. 32-KM Sheikupura Road, Faisalabad
13	2807.0000	Acid, Sulphuric	96% and above	Crystal Clear Liquid, Industrial	98% Industrial grade	Tufail Chemical Industries Ltd. Progressive Centre, Mezz Floor, 30-A/6, PECHS, Shahrah-e-Faisal, Karachi  Faras Combine Marketing Co (Pvt) Ltd. 77 D New Muslim Town Main Wahdat Road Lahore  Prime Chemical (Pvt) Ltd. 18-A, Civic Centre, Faisla Town (Women Welfare Complex) Lahore  Exide Pakistan Ltd. A/45, Hill Street, P.O. Box No. 3680 SITE Karachi-75400
14	2815.1100	Caustic Soda, solid	97%	Flakes and Solid	NaOH	Sitara Chemical Industries Ltd. 32-KM Sheikupura Road, Faisalabad
15	2815.1200	Caustic Soda, liquid	50%	Colorless solution, liquid	NaOH	Sitara Chemical Industries Ltd. 32-KM Sheikupura Road, Faisalabad
16	2825.9000	Calcium Hydroxide, excluding natural	96% (by weight)	White fine powder	Ca (OH) <sub>2</sub>	Sitara Chemical Industries Ltd. 32-KM Sheikupura Road, Faisalabad
17	2827.1000	Ammonium Chloride	99.70%	White crystals	NH <sub>4</sub> Cl	Sitara Chemical Industries Ltd. 32-KM Sheikupura Road, Faisalabad
18	2827.2000	Calcium Chloride	77% min.	Granule to powder form	CaCl <sub>2</sub>	Sitara Chemical Industries Ltd. 32-KM Sheikupura Road, Faisalabad
19	2827.3100	Magnesium Chloride	98%	--	MgCl <sub>2</sub>	Sitara Chemical Industries Ltd. 32-KM Sheikupura Road, Faisalabad

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
20	2827.3500	Nickel Chloride	24% as Nickel	Yellowish green crystalline powder	NiCl <sub>2</sub>	Sitara Chemical Industries Ltd. 32-KM Sheikupura Road, Faisalabad
21	2827.3900	Iron Chloride	40% (+/-2) solution	Dark red / brown liquid	Fe Cl <sub>3</sub>	Sitara Chemical Industries Ltd. 32-KM Sheikupura Road, Faisalabad
22	2828.1010	Calcium Hypochlorite	30% and 35% (+/-1)	White, Crystalline solid	Ca (OCl) <sub>2</sub>	Sitara Chemical Industries Ltd. 32-KM Sheikupura Road, Faisalabad
23	2828.9000	Sodium Hypochlorite	19 - 20%	Pale Greenish / yellow, Commercial grade	NaOCl	Sitara Chemical Industries Ltd. 32-KM Sheikupura Road, Faisalabad
24	2833.1900	Sodium Sulphates, other	98% and above	Industrial grade for Glass, Detergent Tile	NO <sub>2</sub> SO <sub>4</sub> 98%	Tufail Chemical Industries Ltd. Progressive Centre, Mezz Floor, 30-A/6, PECHS, Shahrah-e-Faisal, Karachi
25	2833.2200	Sulphates; alums	Of Aluminium 14-15%	In Lumps Form.	14-15%	Tufail Chemical Industries Ltd. Progressive Centre, Mezz Floor, 30-A/6, PECHS, Shahrah-e-Faisal, Karachi  Faras Combine Marketing Co (Pvt) Ltd. 77 D New Muslim Town Main Wahdat Road Lahore  Prime Chemical (Pvt) Ltd. 18-A, Civic Centre, Faisla Town (Women Welfare Complex) Lahore  Exide Pakistan Ltd. A/45, Hill Street, P.O. Box No. 3680 SITE Karachi-75400
26	2833.3000	Alum (Double Salt)	Contain 99% as AL 2 (SO4) (3) (NH4)2 SO4. 24H2	Purifies Water	--	Exide Pakistan Ltd. A/45, Hill Street, P.O. Box No. 3680 SITE Karachi-75400
27	2836.2000	Sodium Carbonate (disodium)	Total Alkalinity as (Na <sub>2</sub> CO <sub>3</sub> ) = >=98% Chloride as NaCl = <=0.85% Iron as Fe <sub>2</sub> O <sub>3</sub> = <=0.007% Matter Insoluble In Water = <=0.15% Sulphates a Na <sub>2</sub> SO <sub>4</sub> = <=0.08%	White Crystalline powder packed in 40Kg or 80Kg or 100Kg polypropylene bags Pouring Density = 450 to 600 gms / Liter for Light Ash grade Pouring Density = 950 to 1200 gms / liter for Dense Ash grade	Purity or Total Alkalinity as Na <sub>2</sub> CO <sub>3</sub> >=98%	ICI Pakistan Limited, Soda Ash Business ICI Pakistan Limited 63, Mozang Road Lahore 54000

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
28	2836.3000	Sodium bicarbonate	Purity as NaHCO <sub>3</sub> = >=99% Arsenic as As = <=3 ppm Heavy Metals = <=5 ppm Insoluble Substance = 1gm In 20ml water gives clear solution pH of 1% solution at 25°C = 8.5	White granular powder packed in 25Kg Laminated Polypropylene Bags	Purity as NaHCO <sub>3</sub> = >=99%	ICI Pakistan Limited, Soda Ash Business ICI Pakistan Limited 63, Mozang Road Lahore 54000
29	2849.1000	Calcium Carbide	--	--	--	Sino Pak Electrochemical Industries Ltd., Plot No. DSU-20, Zulfiqarabad, Bin Qasim Karachi (Pipri)
30	2904.9090	Reserver Salt	Drying Agent	White Powder Yellow Powder	Drying Agent	S & F Enterprises, Karachi Plot No. F-22, Qabail Colony, Block 11 Gulberg Town, F.B. Area Karachi
31	2915.1100	Acid, formic	85% and above	Transparent Liquid Form	HCOOH 85%	Tufail Chemical Industries Ltd. Progressive Centre, Mezz Floor, 30-A/6, PECHS, Shahrah-e-Faisal, Karachi  Faras Combine Marketing Co (Pvt) Ltd. 77 D New Muslim Town Main Wahdat Road Lahore
32	2915.7010	Acid, stearic, chemically pure	IV 1.0 ~ 3.0, Acid Value 198 ~ 206, Sponification Value 199 ~ 206, Specific Gravity 0.86, Molecular wt 284.47	Color White, Appearance Small Flakes, Melting point 61 ~ 65	C <sub>17</sub> H <sub>35</sub> COOH	Nimir Industrial Chemicals Ltd. 51-N, Industrial Area, Gulberg II, Lahore.
33	2917.1400	Maleic anhydride	Solidification point 52.4 C, Colour 10-20	--	2-5 Furandion	Nimir Chemicals Pakistan Limited 51-N Industrial Area, Gulgerg-II, Lahore
34	2917.3200	Diocetyl orthophthalates	Acid value 0.02%, MC 0.05% Colour 15 APHA	Colourless liquid	C <sub>24</sub> H <sub>38</sub> O <sub>4</sub>	Nimir Chemicals Pakistan Limited 51-N Industrial Area, Gulgerg-II, Lahore  AHN Colloids Chemicals (Pvt) Ltd. 10-Abbott Road, Lahore
35	2917.3500	Phthalic anhydride	Solidification point 130.9 C, Colour 10-20, Heat Hazen 40	White Solid Flakes	1-3 Isobenzofurandion	Nimir Chemicals Pakistan Limited 51-N Industrial Area, Gulgerg-II, Lahore
36	2932.2990	Santonin	Pharmaceutical grade	White Crystalline Powder	--	Alpha Chemicals (Pvt) Limited 113 A Canal View Housing Society Near Thokar Niaz Baig, Lahore
37	2934.9910	Furazolidine	Pharmaceutical grade & Feed grade	Yellow Powder	--	Alpha Chemicals (Pvt) Limited 113 A Canal View Housing Society Near Thokar Niaz Baig, Lahore

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1	2	3	4	5	6	7
38	2939.4100	Ephedrines	Pharmaceutical grade	white Crystalline	--	Alpha Chemicals (Pvt) Limited 113 A Canal View Housing Society Near Thokar Niaz Baig, Lahore
39	2939.4200	Pseudoephedrine (INN)	Pharmaceutical grade	White Crystalline form	--	Alpha Chemicals (Pvt) Limited 113 A Canal View Housing Society Near Thokar Niaz Baig, Lahore
40	3004.5090	Medicaments containing vitamins	Soya based vitamin and minerals Instant beverage	Food grade	--	Matrix Pharma Pvt. Ltd. Plot 12, Secotr 15 Korangi Industrial Area, Karachi
41	3102.2100	Aluminium Sulphate	--	--	Acidity 0.04% (max) Nitrogen 21.00% Crystal size 0.025mm & 70% (min)	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
42	3202.1000	Synthetic organic tanning substances	--	--	--	Chemical Process Industries (Pvt) Ltd. 103-Habitat, Shadman-II, Jail Road Lahore  Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900
43	3202.9010	Tanning preparations	Based on Chromium Sulphate	--	--	Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900  Chemical Process Industries (Pvt) Ltd. 103-Habitat, Shadman-II, Jail Road Lahore  Industrial Chemicals (Pvt.) Ltd. D-29 SITE, South Avenue Manghopir Road, Karachi
44	3202.9090	Bates, artificial	Batting Agent for Leather	--	--	BASF Pakistan (Pvt.) Ltd. 46-A, Block – 6, P.E.C.H.S Karachi – 75400  Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900
45	3204.1100	Disperse dyes and preparations	Textile Grade	--	--	Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
46	3204.1200	Dyes, acid	Textile Grade	--	--	Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900  BASF Pakistan (Pvt.) Ltd. 46-A, Block – 6, P.E.C.H.S Karachi – 75400
47	3204.1200	Acid Dyes for Leather	Leather Grade	--	--	Clariant Pakistan Ltd.  Sardar Chemical Industries Suit # 9, 2nd Floor, Hafeez Centre, Main Boulevard, Gulberg-III, Lahore  Sardar Dyes & Chemical Industries Chemi-Dystuff Industries (Pvt) Ltd.  Descon Chemicals (Pvt) Ltd.  Sandal Dystuffs Industries 305-308, 2nd Floor, The Business Center 8/8 New Civil Lines Faisalabad  Chemical Process Industries (Pvt) Ltd. 103-Habitat, Shadman-II, Jail Road Lahore
48	3204.1400	Direct dyes and preparations	Indosol and Derma (Textile Grades)	--	--	Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900
49	3204.1600	Reactive dyes and preparations	Textile Grade	--	--	Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900
50	3204.1700	Pigments and preparations	Textile Grade	--	--	Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900  Mobil Traders 92- Main Ravi Road, Lahore  BASF Pakistan (Pvt.) Ltd. 46-A, Block – 6, P.E.C.H.S Karachi – 75400

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
51	3204.2000	Synthetic organic products of a kind used as fluorescent brightening agents	Fluorescent Brightening Agent	--	--	<ul style="list-style-type: none"> <li>- Sardar Dyes &amp; Chemical Industries</li> <li>- Sandal Dystuffs Industries</li> <li>- Chemi-Dystuff Industries (Pvt) Ltd.</li> <li>- Chemical Process Industries</li> <li>- Clariant Pakistan Ltd.</li> <li>- Sardar Chemical Industries</li> <li>- Descon Chemicals (Pvt) Ltd</li> <li>- S &amp; F Enterprises, Karachi</li> </ul>
52	3204.9000	Whitening agent	Whitening agent	--	--	<ul style="list-style-type: none"> <li>- Sardar Dyes &amp; Chemical Industries</li> <li>- Sandal Dystuffs Industries</li> <li>- Clariant Pakistan Ltd.</li> <li>- Chemi-Dystuff Industries (Pvt) Ltd.</li> <li>D/4, South Avenue, S.I.T.E</li> <li>Karachi-75700</li> <li>- Descon Chemicals (Pvt) Ltd.</li> <li>Akhavan House, 38-Shahrah-e-Sir,</li> <li>S.M.S Agha Khan-III, (Davis Road)</li> <li>Lahore-54000</li> <li>- Sardar Chemical Industries</li> <li>- Chemical Process Industries</li> </ul>
53	3206.1900	Pigments and preparations	Based on Titanium Dioxide containing less than 80% by weight of Titanium Dioxide	--	--	<p>BASF Pakistan (Pvt.) Ltd. 46-A, Block – 6, P.E.C.H.S Karachi – 75400</p> <p>Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900</p>
54	3210.0020	Prepared water pigments	Pigments for Leather colouration and finishing	--	--	<p>Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900</p> <p>BASF Pakistan (Pvt.) Ltd. 46-A, Block – 6, P.E.C.H.S Karachi – 75400</p>
55	3211.0090	Dryers, prepared	For paints	Liquid	Dryer for Paints	<p>Descon Chemicals (Pvt) Ltd. Akhavan House, 38-Shahrah-e-Sir, S.M.S Agha Khan-III, (Davis Road) Lahore-54000</p> <p>Nimir Resins Limited</p>

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
56	3213.1000	Colours in sets	Crayons, Water Colour sets for children, Poster Colours	--	--	Indus Pencil Industries B-54, Manghopir Road SITE Karachi
57	3214.9010	Silicon Sealant	Acetoxy & Neutral Cure Sealants	--	--	Harris Silicones 41-J Gulshan-e-Ravi, Lahore
58	3215.9090	Ink	Fountain Pens inks in Bottles, Sachets and Catridges	--	--	Dollar Industries (Pvt) Ltd. D-85, SITE, Karachi – 75700
59	3215.9090	Ink	Endorsing and marking Inks (For stamp pads, white board and permanent markers), excluding Ink for printing and duplicating	--	--	Dollar Industries (Pvt) Ltd. D-85, SITE, Karachi – 75700
60	3402.1300	Non Ionic Surface-active agents	--	--	--	Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900  Descon Chemicals (Pvt) Ltd. Akhavan House, 38-Shahrah-e-Sir, S.M.S Agha Khan-III, (Davis Road) Lahore-54000  Ahmad Saeed and Company 19-A, Mahmood Ghaznavi (Abbot) Road Lahore – 54000
61	3402.9000	Surface Active Preparations and cleaning agents	for washing Textiles and Leathers	--	--	BASF Pakistan (Pvt.) Ltd. 46-A, Block – 6, P.E.C.H.S Karachi – 75400  Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900  S & F Enterprises, Karachi Plot No. F-22, Qabail Colony, Block 11 Gulberg Town, F.B. Area Karachi
62	3403.1110	Preparation	for treatment of leather or like industries	--	--	Clariant Pakistan Ltd.  BASF Pakistan Private Limited  Chemical Process Industries (Pvt) Ltd

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
63	3403.9110	Preparation	for treatment of leather or like industries including Fat Liquors	--	--	Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900  BASF Pakistan (Pvt.) Ltd. 46-A, Block – 6, P.E.C.H.S Karachi – 75400  Chemical Process Industries (Pvt) Ltd. 103-Habitat, Shadman-II, Jail Road Lahore
64	3506.1000	Glues and Adhesives	--	--	--	Dollar Industries (Pvt) Ltd. D-85, SITE, Karachi – 75700
65	3701.3030	Presensitized printing plates	Aluminum Plates Lithographic	H18,H19,A1050, A1052	Si 0.037,Mn0.007, Cu 0.003 Fe0.30,Mg0.001,Zn 0.007, Al 99.56.	DuTech (Pvt) Limited Plot No.18, Sector No. 28, Korangi Industrial Area, Karachi
66	3806.2000	Sodium Resinates	pH 9 -12	Dark Brown Paste	Sodium Resinate	Descon Chemicals (Pvt) Ltd. Akhavan House, 38-Shahrah-e-Sir, S.M.S Agha Khan-III, (Davis Road) Lahore-54000
67	3809.9110	Printing gum	Printing gum used in the textile or like industries	--	--	- BASF Pakistan Private Limited - Clariant Pakistan Ltd. - Descon Chemicals (Pvt) Ltd. - ICI Pakistan  - Universal Chemicals B-45, Estate Avenue S.I.T.E, Karachi  - Alka Chemicals
68	3809.9190	Dyeing Auxiliaries and Finishing Agents	for textile processing	--	--	BASF Pakistan (Pvt.) Ltd.  Descon Chemicals (Pvt) Ltd.  Clariant Pakistan Ltd.
69	3809.9300	Finishing agents	Finishing agents (dye-carriers) for leather	--	--	BASF Pakistan Private Limited  Clariant Pakistan Ltd.

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
70	3816.0000	Refractory cements, mortars, concretes and similar compositions, other than products of heading 38.01.	Tap Hole Repair Mass & Mastic Tubes	<u>Tap Hole Repair Mass:</u> Specific Gravity:3.0 min Cold Crushing Strength (kg/cm <sup>2</sup> ):250 min Grain Size:0 - 3 mm Bulk density (Kg/dm <sup>3</sup> ): 2.70 min <u>Mastic Tubes:</u> LOI(%):45 max Maximum Grain Size:(-) 60 BS Mesh	<u>Tap Hole Repair Mass:</u> MgO(%) :91 min Al <sub>2</sub> O <sub>3</sub> (%):0.8 max Fe <sub>2</sub> O <sub>3</sub> (%):1.8 max CaO(%) :2.5 max SiO <sub>2</sub> (%):4.5 max <u>Mastic Tubes:</u> C(%): 25 min Al <sub>2</sub> O <sub>3</sub> (%):30 min SiC (%): 03 min SiO <sub>2</sub> (%): 15 max K <sub>2</sub> O + Na <sub>2</sub> O(%):0.2 max	Bhanbhore Ceramics Industries Plot DSU-18, Pakistan Steel Down Stream Industrial Estate Bin Qasim Karachi
71	3823.1100	Acid, stearic	IV 1.0 ~ 3.0, Melting point 61 ~ 65, Specific Gravity 0.86	Small Flakes, colour: White	C <sub>17</sub> H <sub>35</sub> COOH	Nimir Industrial Chemicals Ltd. 51-N, Industrial Area, Gulberg II, Lahore.
72	3823.1920	Acid oils for refining	Crude / Distilled Fatty Acid FFA 92% to 99%, IV 35 ~ 45	Colour 5 ~ 6, -1, Melting point48 ~ 52	Acid Value 190 Min.	Nimir Industrial Chemicals Ltd. 51-N, Industrial Area, Gulberg II, Lahore.
73	3903.1100	Polystyrene expansible, in primary forms	(i) Plastic foaming grade (ii) Plastic moulding grade (iii) Plastic extrusion grade	Resins and Granules	Polymer	Pak Petrochemical Industries (Pvt) Ltd. Polymer House, Survey No. 136, 25th km, on Main National Highway, Karachi-75030
74	3903.1910	General purpose polystyrene (GPPS)	(i) Plastic moulding grade (ii) Plastic extrusion grade	Resins and Granules	Polymer	Pak Petrochemical Industries (Pvt) Ltd. Polymer House, Survey No. 136, 25th km, on Main National Highway, Karachi-75030
75	3903.1920	High Impact Polystyrene (HIPS)	(i) Plastic moulding grade (ii) Plastic extrusion grade	Resins and Granules	Polymer with more than 95% styrene	Pak Petrochemical Industries (Pvt) Ltd. Polymer House, Survey No. 136, 25th km, on Main National Highway, Karachi-75030
76	3903.9010	High Impact Polystyrene (HIPS)	(i) Plastic moulding grade (ii) Plastic extrusion grade	Resins and Granules	Co polymer with less than 95% styrene	Pak Petrochemical Industries (Pvt) Ltd. Polymer House, Survey No. 136, 25th km, on Main National Highway, Karachi-75030
77	3904.1090	Poly Vinyl Chloride (PVC) Resin	--	Appearance Color White Volatile Matter 0.4% wt max Particle size 40 mesh pass 100% wt min Particle Size 270 mesh pass 3% wt max	--	Engro Asahi Polymer and Chemicals Ltd. 1st Floor Bahria Complex-I Mouilvi Tamizuddin Khan Road Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
78	3904.2200	PVC not mixed with other substances, plasticised	(PVC Compound) International /National Standard (Cable Grade only)	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore  Atlas Rubber & Plastic Industries 9th Floor, Textile Plaza, Mumtaz Hassan Road Karachi – 74000  Bismillah Plastic Works Sohail Manzil, Street No. 30 Sector “F” Allama Iqbal Road, Manzoor Colony Karachi
79	3904.2200	PVC Compound	BSS 7657	--	<ul style="list-style-type: none"> <li>• PVC Resin</li> <li>• Chemical</li> <li>• Plasticsizer</li> <li>• Stabilizer</li> <li>• Filler</li> </ul>	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
80	3905.1200	Polyvinyl acetate	in primary forms in aqueous despersion	--	--	Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900  Nimir Resins Limited Akhavan House, 38 Davis Road, Lahore  Descon Chemicals (Pvt) Ltd. Akhavan House, 38-Shahrah-e-Sir, S.M.S Agha Khan-III, (Davis Road) Lahore-54001
81	3905.2100	Polyvinyl acetate	in aqueous dispersion	--	--	Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900
82	3906.9030	Pigment thickener	Pigment thickener	--	--	<ul style="list-style-type: none"> <li>- BASF Pakistan Private Limited</li> <li>- Descon Chemicals (Pvt) Ltd.</li> <li>- Clariant Pakistan Ltd.</li> <li>- ICI Pakistan</li> <li>- T &amp; N Chemical 12.5 KM Sitara Road, Faisalabad</li> </ul>

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
83	3906.9080	Acrylic polymers	in primary forms			Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900  Nimir Resins Limited Akhavan House, 38 Davis Road, Lahore  BASF Pakistan (Pvt.) Ltd. 46-A, Block – 6, P.E.C.H.S Karachi – 75400  Descon Chemicals (Pvt) Ltd. Akhavan House, 38-Shahrah-e-Sir, S.M.S Agha Khan-III, (Davis Road) Lahore-54001
84	3907.3000	Epoxide in primary forms	Electrostatic Coating Powder			Oxyplast Pakistan (Pvt.) Ltd. Silver House, 11/E, Block-6 P.E.C.H.S., Karachi.
85	3907.5000	Resins, alkyd, in primary forms	Viscosity 3-1000 poises Acid Value less than 12	Colour Max 10GH	Esters	Nimir Resins Limited Akhavan House, 38 Davis Road Lahore  Descon Chemicals (Pvt) Ltd. Akhavan House, 38-Shahrah-e-Sir, S.M.S Agha Khan-III, (Davis Road) Lahore-54000
86	3907.6010	Polyethylene terephthalate in primary	Polyester Chips - Yarn grade	Yarn Grade		Gatron (Industries ) Ltd. 8th Floor, Textile Plaza, M.A. Jinnah / Dunolly Road Karachi.
87	3907.6020	Polyethylene terephthalate in primary	Polyester Chips - Bottle grade (Pet Resin)	Bottle grade (Pet Resin)		Gatron (Industries ) Ltd. 8th Floor, Textile Plaza, M.A. Jinnah / Dunolly Road Karachi.  Novatex Ltd. 8th Floor, Textile Plaza, M.A. Jinnah / Dunolly Road, Karachi.
88	3907.6090	Polyethylene terephthalate in primary	Polyester Chips Amorphous			Novatex Ltd. 8th Floor, Textile Plaza, M.A. Jinnah / Dunolly Road, Karachi.  Descon Chemicals (Pvt) Ltd. Akhavan House, 38-Shahrah-e-Sir, S.M.S Agha Khan-III, (Davis Road) Lahore-54001

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
89	3907.9100	Polyesters, unsaturated, in primary forms	Unsaturated polyester Resins	--	--	BASF Pakistan (Pvt.) Ltd. 46-A, Block – 6, P.E.C.H.S Karachi – 75400
90	3909.2000	Resins , melamine, in primary forms	Viscosity 75 Poises Acid Value less than 2	Colour Water White	Amino	Descon Chemicals (Pvt) Ltd. Akhavan House, 38-Shahrah-e-Sir, S.M.S Agha Khan-III, (Davis Road) Lahore-54001
91	3912.2090	Nitrocellulose in primary forms	--	--	--	Clariant Pakistan Ltd. 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900  BASF Pakistan (Pvt.) Ltd. 46-A, Block – 6, P.E.C.H.S Karachi – 75400
92	3917.2100	Tubes, Pipes & hoses, rigid	ISO4437	--	Ethylene	Dadex Eternit Ltd. Dadex House, 34-A/1, Block-6, P.E.C.H.S. Shahrah-e-Faisal Karachi  Sun International Co. (Pvt) Ltd. 62 CMA Colony Street #4 Lahore Cantt. Lahore
93	3917.2200	Hoses, polypropylene, rigid	Din 8075	PPrC, melt flow, hydrostatic pressure, tensile strength	--	Sun International Co. (Pvt) Ltd. 62 CMA Colony Street #4 Lahore Cantt. Lahore
94	3917.4000	Fittings, plastic	Joints, elbows, flanges etc. ASTM 2513	As per API 5LB for steel As per ASTM 2513 for Polyethylene	As per API 5LB for steel As per ASTM 2513 for Polyethylene	Swabis Polyplast A-496, St No. 9, Block "N", North Nazimabad Karachi
95	3918.1000	Polyvinyl Chloride floor covering	PVC Flooring	--	--	A.T.S Synthetic (Pvt) Ltd. 1-2 Asad Chamber Umer Market, McLeod Road, Lahore  Green Earth Recycling Pakistan 208/A Street # 5, Cavalry Grounds, Cantt. Lahore
96	3920.2090	Polypropylene	Plates, sheets, film	Can be customized according to customer requirements	--	Green Earth Recycling Pakistan 208/A Street # 5, Cavalry Grounds, Cantt. Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
97	3920.3000	Polystyrene plates, sheets, film,	HIPS 1mm to 4mm (6*4" sheet)  GPPS, Polystyrene Sheet Thickness 0.25 mm to 7.00 mm Width 48"  Flat sheeting made from Polystyrene (PS), High Impact Polystyrene (HIPS), General Purpose Polystyrene (GPPS), Acrylic (PMMA), Acrylonitrile Butadiene Styrene (ABS), a combination of HIPS and GPPS and a combination of ABS and PMMA. Thickness ranging from 1 mm to 10 mm and width upto 4.5 feet	--	--	Lucky Plastic Industries (Pvt) Ltd. Polymer House E-110 Main Boulevard Defence, Lahore Cantt, Lahore.  Cool Industries (Pvt) Limited 9th KM Multan Road Hanjarwal Lahore  Green Earth Recycling Pakistan 208/A Street # 5, Cavalry Grounds, Cantt. Lahore
98	3920.4300	Polyvinyl Chloride plates, sheets,	i) PVC Synthetic Leather ii) PVC Film iii) PVC Flexible Sheet	--	--	A.T.S Synthetic (Pvt) Ltd. 1-2 Asad Chamber Umer Market, McLeod Road, Lahore
99	3920.4910	Polyvinyl Chloride plates, sheets, rigid	Width 24" Thickness 50 to 500 Micron (PVC)	--	--	Lucky Plastic Industries (Pvt) Ltd. Polymer House E-110 Main Boulevard Defence, Lahore Cantt, Lahore.
100	3920.4990	Polyvinyl Chloride plates, sheets,	Width 24" Thickness 50 to 500 Micron (PVC)	--	--	Lucky Plastic Industries (Pvt) Ltd. Polymer House E-110 Main Boulevard Defence, Lahore Cantt, Lahore.
101	3920.5900	Polyacrylic, other, plates, sheets,	Width Acrylic 1.5mm to 12mm 6*4	--	--	Lucky Plastic Industries (Pvt) Ltd. Polymer House E-110 Main Boulevard Defence, Lahore Cantt, Lahore.
102	3921.1200	Polyvinyl Chloride plates, sheets,	i) PVC Synthetic Leather ii) PVC Synthetic Leather iii) PVC Film iv) PVC Flexible Sheet	--	--	A.T.S Synthetic (Pvt) Ltd. 1-2 Asad Chamber Umer Market, McLeod Road, Lahore
103	3921.1300	Polyurethane plates, sheets, film,	Polyurethane Sandwich Panels	Thickness from 60mm to 150mm	--	Pakistan Insulations Pvt. Ltd. 107 Business Avenue PECHS Block-6, Karachi
104	3923.1000	Boxes	Boxes, plastic, for conveyance or packing	--	--	Polycon Pakistan Pvt. Ltd. 62-CMA Officers Colony, 4th Street, Lahore Cantt. Lahore
105	3923.5000	Plastic caps	Plastic caps	--	--	International Caps Company 121/A, Ishaqabad, Sir Shah Mohd Suleman Road, Karachi-75900
106	3923.9010	Preforms	Made from PET Resin	--	--	Gatron (Industries ) Ltd. 8th Floor, Textile Plaza, M.A. Jinnah / Dunolly Road Karachi.
107	3924.9000	Cans, plastic	10 ml to 40 litres.	--	Hydensity polyethylene,ABS, PP	Plasticans (Pvt) Ltd. 120/3 Industrial Estate, Kot Lakhpat Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
108	3926.4090 3926.9099 4817.2000 4909.0000 8519.2000 8523.2100 9504.3000	Bank Card / Magnetic Card / Other Articles of Plastic/ Cards of Paper/ Cards or Card Bord	PVC Printed Calling Cards, Scratch Cards, PVC / Paper & Magnetic strip cards etc.	--	--	World Star Business System Plot# 134, Street#9, Industrial Area I-10/3, Islamabad
109	4001.2200	Rubber	Various Specifications	--	--	International Polymer Industries (Pvt) Ltd. Plot No. 49, Street No. 10, Industrial Area, I-9/2, Islamabad
110	4003.0000	Rubber, reclaimed	PS: 1915 - 1987 ISO: 4633/ 1 - 1983	Natural or Synthatic rubber	--	Dadex Eternit Ltd. Dadex House, 34-A/1, Block-6, P.E.C.H.S. Shahrah-e-Faisal Karachi
111	4009.1190	Pipes and tubing	All types, un-hardened vulcanized rubber excluding bearing API certification., Rubber hoses	--	--	Longman Mills, Lahore 14-N Industrial Area Gulberg-II Lahore-45660  Samad Rubber Works Ltd. 409-Ferozepur Road P.O. FC College Lahore-54600  Darson Rubber Works Ltd., Darson Road, G.T. Road P.O. Box 5, Wazirabad – 52000
112	4009.1200	Hoses, vulcanised rubber,	ASTM & SAE, with Fittings, excl hard rubber, with their fittings	--	--	Darson Industries Private Limited Darson Road, P O Box 5 Wazirabad-52000
113	4009.1200	Hoses, vulcanised rubber, not reinforced or Combined	Sizes 1/2", 3/8", Length 3', 3.5', 4', 6', Available for Nat GAS, LPG, Confirming to BS 669-1:1989	--	--	Tesla Industries Pvt. Ltd. Plot No. 81-F, St. 6, I-10/3 Islamabad
114	4009.1200	Hoses, vulcanised rubber,	ASTM & SAE, not reinforced or Combined	--	--	Darson Industries Private Limited Darson Road, P O Box 5 Wazirabad-52000
115	4011.1000	Tyres, rubber, pneumatic	4.50-12wt, 6.00-16f wot, 6.00-16 Jeep ND WOT, motor cars	--	--	Mian Tyre & Rubber Co. Limited. 29.5 Km, Sheikhpura Road Lahore
116	4011.1000	Tyres	450-12, 600-12, 615-13, 165-13, motor cars/ station wagons	--	--	United Rubber (Pvt) Ltd. 70-Industrial Estate Jamrud Road Peshawar
117	4011.1000	Tyres	450-12, 145 R 12, 145/70 TR12, 155/80SR13, 155/70R13, 165/80R13, 175/70R13, 175/70R14, 185/65R14, 185/65R14, 195/65R15	--	--	The General Tyre & Rubber Company of Pakistan Ltd. 6, Agha Khan Road, F-6/4, Islamabad

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
118	4011.2010	Tyres	450-12 8PR, 600-14, 650-14, 750-16, for light trucks - 4.50-12, 6.50-14, 6.00-16, 1.75/80-16, 6.50-16, 7.50-16, 185 R 14C, 195 R 14C, 750 R 16C	--	--	United Rubber (Pvt) Ltd. 70-Industrial Estate Jamrud Road Peshawar
119	4011.2090	Tyres	350-8, 400-8 for Rickshaw, Scooter	--	--	United Rubber (Pvt) Ltd. 70-Industrial Estate Jamrud Road Peshawar
120	4011.2090	Tyres	8.25-20, 9.00-20, 10.00-20, 11.00-20, 12.00-20 for buses and lorries	--	--	The General Tyre & Rubber Company of Pakistan Ltd. 6, Agha Khan Road, F-6/4, Islamabad
121	4011.4000	Tyres	2.25/17 Front/Rear 2.25/17Front/nylo grip 2.50/17Front/Rear 2.50/17 R Panther Power and Mt1 2.50/17 Trail Plus 2.50/18 Front/Rear, Nylo Grip, Power, Power Mt1, Trial Plus, Trail Enduro 2.75/17 Rear, Rear Laser 2.75/18 Front, Rear, Trail 3.00/17 Rar, Panther Power , Trail Plus, trail Enduro 3.00/18 Rear, Trail, Trail Enduro 3.5/8 Scooter 3.5/10 Scooter, and Scooter Laser 4.00-8 Front and Rear, for motorcycles - 225-17, 250-17, 300- 17, 250-18, 275-18	--	--	Mian Tyre & Rubber Co. Limited. 29.5 Km, Sheikhpura Road Lahore
122	4011.5000	Tyres, rubber, pneumatic,	Panther Special4 PR delux and super Panther Power Road Life and Grip Panther nylon Delux Panther Sports Panther BMX Bodyline and Black Panther BMX Red and Black, for bicycles	--	--	Mian Tyre & Rubber Co. Limited. 29.5 Km, Sheikhpura Road Lahore
123	4011.4000 4011.5000	Pneumatic Tyres	For 2/3 Wheelers (bicycles, motorcycles, scooters, Auto Rickshaws, motorcycle rickshaws, wheel barrow).	--	--	Service Industries Ltd. Service House-2, Main Gulberg Lahore
124	4011.6900	Tyres	700-15 ND, 700-16 JS, 600-16 ND, for jeeps	--	--	United Rubber (Pvt) Ltd. 70-Industrial Estate Jamrud Road Peshawar
125	4011.6100 4011.9200 4011.9900	Tyres	550-16TF, 600-16TF, 750-16 TF, 6.00-16, 7.50- 16, 7.50-16, 7.50-20, 12.4/11-28, 14.9/13-28, 16.9/14-30, 18.4/15-30 for agriculture vehicles	--	--	United Rubber (Pvt) Ltd. 70-Industrial Estate Jamrud Road Peshawar  The General Tyre & Rubber Company of Pakistan Ltd. 6, Agha Khan Road, F-6/4, Islamabad

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
126	4013.1020	Rubber Tubes, Inner	12,13,14,16 , 450-12, 600-12, 615-13, 165-13 for vehicles	--	--	Mian Tyre & Rubber Co. Limited. 29.5 Km, Sheikhpura Road Lahore  United Rubber (Pvt) Ltd. 70-Industrial Estate Jamrud Road Peshawar
127	4013.2000	Rubber Tubes, Inner	28*1-1/2,28*1-3/8 24*1-3/8,26*2-1.25 for bicycles	--	--	Mian Tyre & Rubber Co. Limited. 29.5 Km, Sheikhpura Road Lahore  Service Industries Ltd. Service House-2, Main Gulberg Lahore
128	4013.9010	Rubber Tubes	550-16TF, 600-16TF, for agriculture vehicles	--	--	United Rubber (Pvt) Ltd. 70-Industrial Estate Jamrud Road Peshawar
129	4013.9020	Rubber Tubes, Inner	2.25-17,2.5-75/17,2.5-75/18,3.00-17,3.00-18,3.5-8 3.5-10,4.00-8, 225-17, 250-17, 300-17, 250-18,275-18 for motorcycles and scooters	--	--	Mian Tyre & Rubber Co. Limited. 29.5 Km, Sheikhpura Road Lahore  United Rubber (Pvt) Ltd. 70-Industrial Estate Jamrud Road Peshawar
130	4013.9030	Rubber Tubes	600-14, 650-14 for Jeep	--	--	United Rubber (Pvt) Ltd. 70-Industrial Estate Jamrud Road Peshawar
131	4013.9090	Rubber Tubes	350-8, 400-8 for Rickshaws and Scooters	--	--	United Rubber (Pvt) Ltd. 70-Industrial Estate Jamrud Road Peshawar  Service Industries Ltd. Service House-2, Main Gulberg Lahore
132	4201.0000	Belts or Belting of rubber and/or leather excluding those conforming to API specifications.	Conforming to BSS-351 & 490 (excluding grades, N 17, M 24 & above) Also conforming to DIN 22102 (excluding grades; M, N and above)	--	--	Premier Rubber Belting Mfg. Co. C-13, SITE Karachi
133	4410.9000	Chipboard	Board made of chips of wood	Sheets size 8*4 ..... density 600	Glue Urea Formaldehyde	Chenab Particle Board (pvt) Ltd. 30.k.m.Gujranwala Road, Alipur Chatta,
134	4819.3000	Sacks, paper	Papersacks made from Extensible / Clupak and Non Extensible Sack Kraft Paper base width 40 cm or more	--	--	Pakistan Papersack Corporation Limited Plot No. 749-749A, Zila Moza Pathra, Tehsil Hub, District Lasbella, Hub Baluchistan

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
135	4905.9900	Electronic Data Logger for Recording data	Robust and flexible all purpose electronic data logger 16 analog channels, 4 Digital I/O Channels 2-serial interface Channels 1 MB internet memory + removable smart media card ( up to 1 GB) Communication interfaces, Satellite, GSM, GPRS & VH	--	--	East West Infinity (Pvt) Ltd. Plot 146 Industrial Triangle, Kahuta Road, Islamabad
136	4908.1000	Transfers, vitrifiable, excluding window transparencies	Stickers, Transfer Labels (Decalcomania) and Chassis Aluminium ID Plates.	--	--	Allco Transfer Printers (Pvt) Ltd. 3 Haider Chamber, 11-B, Rizvia Society, Karachi-74600
137	4908.9000	Decalcomanias, excluding vitrifiable decalcomanias	Transfer Labels (Decalcomania)	--	--	Allco Transfer Printers (Pvt) Ltd. 3 Haider Chamber, 11-B, Rizvia Society, Karachi-74600
138	5402.3300	Yarn, textured, of polyesters	Polyester Filament Yarn	--	--	Gatron (Industries ) Ltd. 8th Floor, Textile Plaza, M.A. Jinnah / Dunolly Road Karachi.
139	5402.4700	Yarn, oriented polyester, Single, untwisted	Polyester Filament Yarn	--	--	Gatron (Industries ) Ltd. 8th Floor, Textile Plaza, M.A. Jinnah / Dunolly Road Karachi.
140	5503.2010	Fibres, staple, polyester	1.2 Danier, not carded or combed	Tensile Strength = 7-7.25 Breaking Load = 8-8.5	PET = 99.57 Textile Finish= 0.13 Moisture =0.13	ICI Polyester Fibres Business 63 -Mozang Road Lahore
141	5606.0000	Yarn, chenille, including flock chenille	Chenille Yarn Ecru and Dyed	Standard	Acrylic, Blended	Khawaja Woollen Mills (Pvt) Ltd. 4-H, Gulberg-III, Lahore-54660
142	5806.3200	Ribbons, nylon, narrow woven	Hook and Loop Fastener tapes, made from 100% nylon material and available in widths 10mm up to 100mm	--	--	NFU Industries (PVT) Ltd. 20 Km, Raiwind Road, Lahore.
143	5901.9010	Buckram	Interlining	--	--	Aruj Garment Accessories Ltd Aruj House, 1 KM Raiwind Road Lahore
144	5903.1000	Polyvinyl Chloride plates, sheets,	i) PVC Synthetic Leather ii) PU Synthetic Leather iii) PU/PVC Synthetic Leather iv) PVC Film v) PVC Flexible Sheet vi) PVC Flooring vii) DOP (Di-Octyl Phthalate)	--	--	A.T.S Synthetic (Pvt) Ltd. 1-2 Asad Chamber Umer Market, McLeod Road, Lahore
145	5903.2000	Polyvinyl Chloride plates, sheets,	i) PVC Synthetic Leather ii) PU Synthetic Leather iii) PU/PVC Synthetic Leather iv) PVC Film v) PVC Flexible Sheet vi) PVC Flooring vii) DOP (Di-Octyl Phthalate)	--	--	A.T.S Synthetic (Pvt) Ltd. 1-2 Asad Chamber Umer Market, McLeod Road, Lahore
146	5903.9000	Polyvinyl Chloride plates, sheets,	i) PVC Synthetic Leather ii) PU Synthetic Leather iii) PU/PVC Synthetic Leather iv) PVC Film v) PVC Flexible Sheet vi) PVC Flooring vii) DOP (Di-Octyl Phthalate)	--	--	A.T.S Synthetic (Pvt) Ltd. 1-2 Asad Chamber Umer Market, McLeod Road, Lahore
147	5909.0000	Hose piping, textile material	Fire Hose, Made from High quality Polyester Yarn, woven on Circular Looms, and Rubberlined	Working Pressure 16 bar, Brusting Pressure 32 bar	Polyester 25%, Rubber 75%	National Resources Corporation 3/E-III, Commercial Area, Nazimabad, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
148	6804.1000	Millstones for Milling, grinding or pulping	Various grit sizes from Coarse (mesh 14) to fine (mesh 320 & above) with Hardness from soft (G) to Hard (R) In Vitrified & Resinoid Bondness.	--	--	Grind Wheel (Pak) Ltd. 2nd Floor, Karachi Chambers, Hasrat Mohani Road, Karachi
149	6804.1000	Millstones for Milling, grinding or pulping	Grinding Disc. Dia x Thickness 4" x 1/4 4 1/2" x 1/4 5" x 1/4 7" x 1/4 9" x 1/4 Steel/Stone cutting Disc. Dia x Thickness 4" x 1/8 4 1/2" x 1/8 5" x 1/8 7" x 1/8 9" x 1/8 12" x 1/8 14" x 1/8 16" x 1/8	Working RPMs from 3000 to 14000 M/S	Abrasive + Resin + Glass Fiber	Mughal Corporation (Pvt) Ltd. Sharif pura, G.T.Road,Gujranwala.
150	6805.1000	Cloth, abrasive	Cloth and paper backed abrasives products.	Grade, Strength etc	Silicon Carbide and Aluminum Oxide Coated on Latex paper cloth	Falcon Abrasives (Pvt) Ltd. Plot No. 36, Sector No. 28, Korangi Industrial Area, Karachi.
151	6805.3000	Leather, abrasive	i) PVC Synthetic Leather, ii) Polyurethane Synthetic Leather iii) Transparent Plastic Sheet iv) Flocked Fabric v) Jersey Fabric, etc.	--	--	Crescent Art Fabrics (Pvt) Ltd. 23rd Kilometer, Lahore/Sheikhupura Road, Sheikhupura
152	6806.1000	Wool,rock, in bulk, sheets or roll	Density : 60,80,100 Thickness : 50,75,100 ASTM C 592	Diameter of fibres:4-10 micron, Length of fibres: avg. 200 MM Shot contents :max. 15% (0.2 MM, mesh): Loss on ignition:0% Water content:0% Sulphur content:0% Asbestos content :0% Air permeability 70 Kg / CM vf 2 100 Kg / CM 1.1 140 Kg / CM 0.6	S <sub>1</sub> O <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , CaO, MgO, Na <sub>2</sub> O, K <sub>2</sub> O	Incom Rockwool (Pvt) Ltd. Shernaz House, 8 West Wharf Road, Karachi
153	6806.1000	Wool,rock, in sheets or roll	ASTM C592	Rockwool/mineral Wool Blankets, Pipe Sections and Panels Density Upto 150Kg/m <sup>3</sup>	--	Pakistan Insulations Pvt. Ltd. 107 Business Avenue PECHS BLock-6, Karachi
154	6810.9100	Door-frames, prefabricated, concrete, cement	Door frames roll formed	HR 1/2	Commercial grades	Irshad Ahmad & Bros. 145 Loha Market Lahore
155	6811.8300	Cable Conduits of asbestos cement	PS: 558 - 1991 (R) ISO: 881 - 1980	Resistance to corrosion, Resistance against abrasion hydraulic characteristics	Hydrous Magnesium Silicates 3MgO 2SiO <sub>2</sub> 2H <sub>2</sub> O	Dadex Eternit Ltd. Dadex House, 34-A/1, Block-6, P.E.C.H.S. Shahrah-e-Faisal Karachi
156	6811.8300	Cable Conduits of Cellulose fibre-cement	PS: 428 - 1984 (R) ISO 160 - 1980,ISO 2785-1986,ISO 4483-1979	ISO 4480-1979,ISO 4482-1979,ISO-7336-1984 Resistance to corrosion, Resistance against Abrasion Hydraulic Characteristics	Hydrous Magnesium Silicate 3MgO 2SiO <sub>2</sub> 2H <sub>2</sub> O	Dadex Eternit Ltd. Dadex House, 34-A/1, Block-6, P.E.C.H.S. Shahrah-e-Faisal Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
157	6811.8300	Pipe Fittings of asbestos cement	PS 2942 - 1990 ISO 393/4 - 1986, ISO 393/2 - 1986 (E)	Corrosion free, Good Heat insulation, Fire retardant Termite Proof, Quick & Easy installation	Hydrous Magnesium Silicate 3MgO 2SiO <sub>2</sub> 2H <sub>2</sub> O	Dadex Eternit Ltd. Dadex House, 34-A/1, Block-6, P.E.C.H.S. Shahrah-e-Faisal Karachi
158	6811.8300	Joints of asbestos cement	PS: 430 - 1988 (R) ISO 393 part 1&2 1983,1986, ISO 8101-1980, ISO 737-1984	Corrosion Free, Good Heat insulation, Fire retardant, Termictc proof, Quick & Easy installation	Hydrous Magnesium Silicate 3Mgo - 2Sio2 2H2o	Dadex Eternit Ltd. Dadex House, 34-A/1, Block-6, P.E.C.H.S. Shahrah-e-Faisal Karachi
159	6811.8300	Pipes of asbestos-cement	PS: 579 - 1982 (R) ISO 396/ 1 & 2 - 1980 (E)	Corrosion Free, Good Heat insulation, Fire retardant, Termictc proof, Quick & Easy installation	Hydrous Magnesium Silicate 3MgO - 2SiO <sub>2</sub> 2H <sub>2</sub> O	Dadex Eternit Ltd. Dadex House, 34-A/1, Block-6, P.E.C.H.S. Shahrah-e-Faisal Karachi
160	6812.9900	Gaskets of asbestos	Asbestos	--	Asbestos + Calcium + Silicon	Sheikh Corporation 52/3 Lytton Road, Lahore.
161	6902.1010	Chrome Magnesite Bricks	Chrome Magnesite Bricks	Open porosity (%):16 max Apparent Density(gm / cm3):2.95 min. Cold Crushing Strength (kg/cm2):700 min Temp. of Deformation :1500 °C Under Load of 2Kgf/cm2 ( °C) Thermal Shock Resistance at:2 thermal 1300 °C (Water Cooling) cycles min. Curvature (Bending Arrow):1 mm max Breakage of Angles :5 mm max Breakage of Ribs (sides):3 mm max	MgO (%) :50 min Cr <sub>2</sub> O <sub>3</sub> (%) :20 max SiO <sub>2</sub> (%) :03 max	Banbhore Ceramics Industries Plot DSU-18, Pakistan Steel Down Stream Industrial Estate Bin Qasim Karachi
162	6902.1010	Refractory bricks, blocks, tile & similar refractory ceramic construction goods	High Alumina castable/refractory for temperature upto 1600 °C - High wear & Alkali resistant silicate refractory. - Megnesite Refractory - High Temperature Zircon Refractory.	--	--	Marshal Ceramics PO Box.77, K.M.8.9, Lahore Side G. T Road Gujranwala  General Refractories Landhi Industrial Area, Karachi  Commander Ceramics P.O. Box 514, G.T. Road Km 11/12 Atawa, Gujranwala
163	6902.1010	Tar Bonded Dolomite Bricks	--	--	CaO	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
164	6903.2010	Cold tundish lining sets, slide gate refractory sets & nozzles	Cold Tundish Lining	Loss on Ignition (%) :07 max Bending Strength (kg / cm2):30 min Humidity (%) :0.5 max Bulk Density (gm / cm3): 1.15 min Apparent Porosity(%):45 – 55 Refractoriness(oC):1620 min	SiO <sub>2</sub> (%):90 min. Al <sub>2</sub> O <sub>3</sub> (%):02 max. CaO (%):02 max. MgO(%):01 max. Fe <sub>2</sub> O <sub>3</sub> (%):01 max	Banhore Ceramics Industries Plot DSU-18, Pakistan Steel Down Stream Industrial Estate Bin Qasim Karachi
165	6903.2010	Cold tundish lining sets, slide gate refractory sets & nozzles	Nozzles	Bulk Density(gm / cm <sup>3</sup> ):3.15 min Apparent Porosity (%):16 max Cold Crushing Strength (kg/cm2):900 min	Al <sub>2</sub> O <sub>3</sub> (%):95 min Fe <sub>2</sub> O <sub>3</sub> (%):0.2 max	Banhore Ceramics Industries Plot DSU-18, Pakistan Steel Down Stream Industrial Estate Bin Qasim Karachi
166	6903.2010	Cold tundish lining sets, slide gate refractory sets & nozzles	Well-Block	Bulk Density(gm / cm <sup>3</sup> ):2.60 min Apparent Porosity (%):16 max Cold Crushing Strength (kg/cm2):900 min	Al <sub>2</sub> O <sub>3</sub> (%): 93 min K <sub>2</sub> O(%):0.5 max Na <sub>2</sub> O(%): 0.1 max Fe <sub>2</sub> O <sub>3</sub> (%):0.2 max	Banhore Ceramics Industries Plot DSU-18, Pakistan Steel Down Stream Industrial Estate Bin Qasim Karachi
167	6903.2010	Cold tundish lining sets, slide gate refractory sets & nozzles	Slide Gate Plates	Apparent Porosity (%):2.0 – 6.0 Bulk Density (gm / cm3):3.18 - 3.22 Cold Crushing Strength):1000 - 1100 (Kg / cm <sup>2</sup> )	Al <sub>2</sub> O <sub>3</sub> (%):73 – 76 Carbon(%):05 – 07 ZrO <sub>2</sub> (%):08 – 11	Banhore Ceramics Industries Plot DSU-18, Pakistan Steel Down Stream Industrial Estate Bin Qasim Karachi
168	6908.1000	Mosaic cubes, Porcelain Tiles, ceramic	Glazed/ plain, Wall and Floor Tiles	--	--	Emco Industries Limited 2nd Floor, Saudi Pak House, 14- Egerton Road, Lahore
169	6908.9010	Tiles	Porcelain Tiles	--	--	Emco Industries Limited 2nd Floor, Saudi Pak House, 14- Egerton Road, Lahore  Master Group of Industries GT Road, Gujranwala
170	7002.3910	Unworked Glass Rods	( Natural Glass Tubing ) U.S.P. Type I	--	SiO <sub>2</sub> , BaO, CaO, Al <sub>2</sub> O <sub>3</sub> , Na <sub>2</sub> O, K <sub>2</sub> O, B <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub>	Cornpak Ltd. Post No. 11 & 26, Sector 20, Korangi Industrial Area Karachi - 74900
171	7010.1000	Glass Ampoules for packing or conveyance	United States Pharmacopoeia Neutral Type I Glass	--	SiO <sub>2</sub> , BaO, CaO, Al <sub>2</sub> O <sub>3</sub> , Na <sub>2</sub> O, K <sub>2</sub> O, B <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub>	Cornpak Ltd. Post No. 11 & 26, Sector 20, Korangi Industrial Area Karachi - 74900
172	7019.4000	Woven Fabrics of glass fibre rovings	Fiberglass Products	--	--	Fibre Tech 28-E, Safe way House, South Park Avenue, Phase 2, Ext DHA, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
173	7201.1000	Pig Iron, excluding that of Foundry Grade	C=4.3% (Max),Si-0.5%(Min) P=0.16%(Max),S & Mn=1% each Notches=2(Min),Wt upto 45 Kg. All types of Conversion Pig Iron (CPI)	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
174	7204.5000	Ingots, from remelting scrap of iron or steel	Ms Billets Graded and Non Graded Type: Continuous closed casted on high frequency induction furnaces. Size: 4" width x 4" high x 12" length Specs: Being used in all sorts of steel structural products.	--	--	Khawaja Steels 4 KM, Dewan Road, Eminabad, Gujranwala
175	7204.5000	Structural steel billet for reinforcement steel bars	Size: 100mmx100mm, 120mm x 120mm and 150mmx150mm ASTM A-615 & BS 4449	--	Carbon (C) 0.200 to 0.250; Manganese (Mn) 1.250 Phosphorus (P) 0.00; Silicon (Si) 0.300; Sulphur (S) 0.002	S.H.Steel Re Rolling Mills Plot 50, St 12 I-9 Industrial Area Islamabad
176	7206.1000	Ingots for re-rolling	Size 50X50 to 15X150mm Forgeable ingots in carbon steel upto 50 tons weight	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
177	7206.9000	Cast iron	Casting upto 28 tons (single piece) Steel (low alloyed) casting upto 32 tons (single piece)	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
178	7206.9000	i) Ingots and Billets of plain carbon steel, spring steels alloys for re-rolling. ii) Forgable Ingots of plain carbon steel iii) Semi-finished products of iron & non-alloy steel iv) Ingots & others primary forms of iron and non alloy steel (excluding iron of heading No 72.03)	50mm x 50mm to 150mm x 150mm  Upto 50 tons weight (single piece)  Ingots upto 9000 Kg weight cast in mould/ESR processed.	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
179	7206.1000 7206.9000	Steel Ingots	<u>Bottom Poured Ingots</u> SQ – 700 : 360 x 250 x 930mm, 590 Kgs. SQ – 1100 : 390 x 325 x 1135mm, 1000 Kgs. FL – 1200 : 855 x 208/190 x 1130mm 1250 Kgs. FL – 1600 : 900 x 230/210 x 1250mm 1600 Kgs. In addition to above Ingots weighing upto 12mt may be manufactured. <u>ESR Ingot</u> M – 300/400/600/750- Diameter : 315, 395, 595, 720mm Length : 3000mm (Max.) Weight : 9000 Kgs. (Max.)	See Annex-I	See Annex-I	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
180	7207.1110	Concast billets	Concast billets of square upto 150mm	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
181	7207.1990	Semi finished products of iron or non alloy steel.	Concast and hot rolled/square upto 150 x 150 mm and round upto 150 mm dia forged upto 200 mm rolling section.	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
182	7207.1910 7207.2010	Contineous Cast Billet	Sq, 230mm Length upt 12 m	See Annex-I	See Annex-I	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
183	7207.1920 7207.1990 7207.2020 7207.2090	Steel Billets	CC BILLET: Size : Sq, 110, 125 and 150mm Round. 110mm Length : Upto 12 m ROLLED BILLET: Size : Sq, 75, 80, 90, 100 130mm Length : 4 to 6 m	See Annex-I	See Annex-I	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
184	7208.1010	Hot rolled coils	of thickness from 1.6 mm to over 10 mm & width upto 1510 mm "Except materials of all sizes and specifications such as SPCE in JISG 3131, Special killed steel, extra deep drawing quality"	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
185	7208.1010	H.R.Plates	UTS upto 370 N/mm <sup>2</sup> Thickness over 10 mm	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
186	7208.1010	Chequered Plates	Upto 6 mm + 2 mm Chequers (8 mm) thickness, HRI Standard	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
187	7208.1010	Chequered Plates	Upto 6 mm + 2 mm Chequers (8 mm) thickness, HRI Standard	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
188	7208.1090	Hot rolled coils	of thickness from 1.6 mm to over 10 mm & width upto 1510 mm "Except materials of all sizes and specifications such as SPCE in JISG 3131, Special killed steel, extra deep drawing quality"	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
189	7208.1090	H.R.Plates	UTS upto 370 N/mm <sup>2</sup> Thickness over 10 mm	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
190	7208.4010 7208.4090 7208.5110 7208.5190 7208.9010	Steel Plates	PLATE: Thickness : 10 mm (min.) Width : 1350 mm (max.) Length : Free length, depend upon thickness/ width	See Annex-I	See Annex-I	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
191	7208.5210 7208.5290 7208.5310 7208.5390 7208.9090	Steel Sheets (Hot Rolled)	SHEETS (HOT ROLLED): Thickness : 3 mm (min.) Width : 950 mm (max.) Length : Upto 3 m	See Annex-I	See Annex-I	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
192	7209.1510	Cold Rolled coils	Thickness from 0.5 mm to 1.8 mm & width upto 1220 mm Except materials of all sizes and specifications such as CR-3, CR-4, SPCC-4B (1/4 hard quality) SPCD, SPCE, SPCEN in JISG 3141, deep drawing, extra deep drawing and non-aging"	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
193	7209.1590	Cold Rolled coils	Thickness from 0.5 mm to 1.8 mm & width upto 1220 mm Except materials of all sizes and specifications such as CR-3, CR-4, SPCC-4B (1/4 hard quality) SPCD, SPCE, SPCEN in JISG 3141, deep drawing, extra deep drawing and non-aging"	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
194	7210.1100	Galvanized sheets and coils	(All grades) of thickness from 0.5 mm to 1.5 mm and width upto 1220 mm , "Except Electrolytically/Electro-galvanized plated or coated in all sizes and specifications such as grades SECC, SECD, SECE and SECEN in JISG 3313	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
195	7210.1200	Electrolytic Tin Plate	Tin plates, of types: - SRT1 to SR T5, having thickness 0.14 mm to 0.48 mm and width up to 965 mm - DR 8 to DR 10, having a thickness of 0.13 mm to 0.4 mm and width upto 965 mm  Conforming to European Standards EN 10002-1-1990 & EN 10203 – 1-1991	--	--	Siddiqsons Tin Plate Limited D-53, Textile Avenue, S.I.T.E. Karachi – 75700
196	7211.1920	Flat-rolled product of Iron/non-alloy steel	As per BSS-4461-1969, ASTM-A36-75, ASTM-615-76a (1977)	As per Standard	As per Standard	Metropolitan Steel Corporation Limited 706-Progressive Plaza, 101-Bemount Road, Karachi
197	7211.1310 7211.1390 7211.1410 7211.1490	Steel Plates & Sheets (Hot Rolled)	PLATE: Thickness : 10 mm (min.) Width : upto 1350 mm (max.) Length : Free length depending upon thickness/ width & SHEETS (HOT ROLLED): Thickness : 3 mm (min.) Width : 950 mm (max.) Length : Upto 3 m	See Annex-I	See Annex-I	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
198	7211.1990	Flat-rolled product of Iron/non-alloy steel	As per BSS-4461-1969, ASTM-A36-75, ASTM-615-76a (1977)	As per Standard	As per Standard	Metropolitan Steel Corporation Limited 706-Progressive Plaza, 101-Bemount Road, Karachi
199	7212.6010	M.S. Flat Bar (Hot Rolled)	Range 32 to 300mm Length = 6 to 12 Mtr.	ASTM A-36, SR-24, AISI-1010 and as per Pakistan Steel and Peoples Steel Mills Standard.	As Per Standard	Jabbar Steel Industry A-46/C S.I.T.E Near Pakistan Cable Karachi.
200	7212.6090	M.S. Flat Bar (Hot Rolled)	Range 32 to 300mm Length = 6 to 12 Mtr.	ASTM A-36, SR-24, AISI-1010 and as per Pakistan Steel and Peoples Steel Mills Standard.	As Per Standard	Jabbar Steel Industry A-46/C S.I.T.E Near Pakistan Cable Karachi.
201	7213.1090	Hot Rolled Deformed Bars of Iron or non-alloy steel	As per BSS-4461-1969, ASTM-A36-75, ASTM-615-76a (1977)	As per standard	As per standard	Metropolitan Steel Corporation Limited 706-Progressive Plaza, 101-Bemount Road, Karachi
202	7213.1090	Hot Rolled Deformed Bars of Iron or non-alloy steel	As per BSS-4461-1969, ASTM-A36-75, ASTM-615-76a (1977)	As per standard	As per standard	Metropolitan Steel Corporation Limited 706-Progressive Plaza, 101-Bemount Road, Karachi
203	7213.1090	Hot Rolled Deformed Bars of Iron or non-alloy steel	ASTM grade 60, BS4449, DIN 488	ASTM grade 60, Tensile Strength 450N/mm sq, Yield Strength 680N/mm sq	C> 0.32%, Mn >1.3%,	Dost Steels (Pvt) Ltd. 101 Chapal Plaza, Hasrat Mohani Road, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
204	7213.1090	Hot Rolled Deformed Bars of Iron or non-alloy steel	ASTM grade 60, BS4449, DIN 488	ASTM grade 60, Tensile Strength 450N/mm sq, Yield Strength 680N/mm sq	C> 0.32%, Mn >1.3%,	Dost Steels (Pvt) Ltd. 101 Chapal Plaza, Hasrat Mohani Road, Karachi
205	7213.1090	Hot Rolled Bars and rods in irregularly wound coils of iron or non-alloy steel	Coils of deformed steel. Diameter of greater than 5.5 mm and less 12 mm. Coil weight of greater than 75 kg. Standard: JIG G 3506-80, ASTM A 615-82  (Containing indentations, ribs, grooves or other deformations produced during the rolling process)	elongation greater then 20 %. Yield strength greater 30,000 psi.	C: 0.05 % to 0.50 % Mn: 0.30 % to 0.90 % Si: 0.04 % to 0.40 % P: greater than 0.03 % S: greater than 0.03 %	Frontier Foundry (Pvt) Ltd., Plot No. 166, Road B-7, Hayatabad Industrial Estate, Peshawar
206	7213.2010	Hot Rolled Bars & Rods of Non-Alloyed (Low/Plain Carbon) Steel (Irregular Wound Coils)	6.4 mm to 60 mm dia	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
207	7213.2090	Hot Rolled Bars & Rods of Non-Alloyed (Low/Plain Carbon) Steel (Irregular Wound Coils)	6.4 mm to 60 mm dia	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
208	7213.2090	Hot Rolled Bars and rods in irregularly wound coils of iron or non-alloy steel (Other, of free cutting steel)	Steel wire-rod (with no indentation or ribs). Diameter of greater than 5.5 mm and less 12 mm. Coil weight of greater than 75 kg. Standard: JIG G 3506-80, ASTM A 615-82	Elongation greater then 20 %. Yield strength greater 30,000 psi.	C: 0.05 % to 0.50 % Mn: 0.30 % to 0.90 % Si: 0.04 % to 0.40 % P: greater than 0.03 % S: greater than 0.03 %	Frontier Foundry (Pvt) Ltd., Plot No. 166, Road B-7, Hayatabad Industrial Estate, Peshawar
209	7213.9190	Steel Wire Rod	5.5mm to 12 mm SWRH 42A to 42 B, Medium Carbon ASTM. JIS, All International Spec's	Plain Round	SWRH 42 A to 42 B C% = 0.39/0.46, Mn% = 0.40/0.80, P% Max = 0.030, S % Max = 0.030, Si% = 0.15/0.30	Siraj Steels 1st Floor 48 Nishtar Road, Lahore
210	7213.9190	Steel Wire Rod	5.5mm to 12 mm SWRH 47B, 52B, 57A, 62A, 62B, 67A & 67B High Carbon ASTM. JIS, All International Spec's	Plain Round	SWRH 47B to 67 B C% = 0.44/0.71, Mn% = 0.40/0.80, P% Max = 0.030, S % Max = 0.030, Si% = 0.15/0.30	Siraj Steels 1st Floor 48 Nishtar Road, Lahore
211	7213.9190	Steel Wire Rod	5.5mm to 12 mm SWRH 72A, 72B, 77A, 77B & 82 B Extra High Carbon ASTM. JIS, All International Spec's	Plain Round	SWR 72 A to 82 B High Carbon C% = 0.69/0.86, Mn% = 0.40/0.60, P% Max = 0.030, S % Max = 0.030, Si% = 0.15/0.30	Siraj Steels 1st Floor 48 Nishtar Road, Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
212	7213.9990	Steel Wire Rod	5.5mm to 12 mm SWRH 42A to 42 B, Medium Carbon ASTM. JIS, All International Spec's	Plain Round	SWRH 42 A to 42 B C% = 0.39/0.46, Mn% = 0.40/0.80, P% Max = 0.030, S % Max = 0.030, Si% = 015/0.30	Siraj Steels 1st Floor 48 Nishtar Road, Lahore
213	7213.9990	Steel Wire Rod	5.5mm to 12 mm SWRH 47B, 52B, 57A, 62A, 62B, 67A & 67B High Carbon ASTM. JIS, All International Spec's	Plain Round	SWRH 47B to 67 B C% = 0.44/0.71, Mn% = 0.40/0.80, P% Max = 0.030, S % Max = 0.030, Si% = 015/0.30	Siraj Steels 1st Floor 48 Nishtar Road, Lahore
214	7213.9990	Steel Wire Rod	5.5mm to 12 mm SWRH 72A, 72B, 77A, 77B & 82 B Extra High Carbon ASTM. JIS, All International Spec's	Plain Round	SWR 72 A to 82 B High Carbon C% = 0.69/0.86, Mn% = 0.40/0.60, P% Max = 0.030, S % Max = 0.030, Si% = 015/0.30	Siraj Steels 1st Floor 48 Nishtar Road, Lahore
215	7214.2010	Rolled Profiles	Containing indentation ribs, grooves or Others deformations produced during the rolling process or twisted after rolling, 6.4 mm to 60 mm dia	--	--	Shalimar Steel, Karachi Razzaque Steel (Pvt) Ltd. Karachi  Amreli Steels (Pvt) Ltd. D - 89, Shershah Road SITE Karachi  New Shalimar Steel, Karachi
216	7214.2090	Rolled Profiles	Containing indentation ribs, grooves or Others deformations produced during the rolling process or twisted after rolling, 6.4 mm to 60 mm dia	--	--	Shalimar Steel, Karachi Razzaque Steel (Pvt) Ltd. Karachi  Amreli Steels (Pvt) Ltd. D - 89, Shershah Road SITE Karachi  New Shalimar Steel, Karachi
217	7214.3010	Steel Bars and Rods	Free cutting steel, 6.4 mm to 60 mm dia	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75001
218	7214.3090	Steel Bars and Rods	Free cutting steel, 6.4 mm to 60 mm dia	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75001
219	7214.1010 7214.1090	Steel Forgings	PRESS FORGING: Size/ Die : 500 mm (max.) Length : 15m (max.) Wt. : 15 tonne (max.) RADIAL FORGING: Size : Square, Round & Varying Section Profile/ Axle of Cross Section 60 to 200 mm and Flat 25 x 55 to 150 x	See Annex-I	See Annex-I	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
220	7214.1010 7214.1090 7214.2010	Steel Bars	Grade 40 5.5mm to 32mm ASTM. JIS, All International Spec's	Plain Round, Deform Bars & Twisted	Grade 40 C% = 0.27/0.34, Mn% = 0.60/0.90, P% Max = 0.050, S % Max = 0.050, Si% = 0.35 max, (C+Mn)/6% = 0.37/0.49	Siraj Steels 1st Floor 48 Nishtar Road, Lahore
221	7214.1010 7214.1090 7214.2010	Steel Bars	Grade 60 5.5mm to 32mm ASTM. JIS, All International Spec's	Plain Round, Deform Bars & Twisted	Grade 60 C% = 0.28/0.33, Mn% = 1.15/1.35, P% Max = 0.045, S % Max = 0.045, Si% = 0.35 max, (C+Mn)/6% = 0.47/0.55	Siraj Steels 1st Floor 48 Nishtar Road, Lahore
222	7214.3010 7214.3090	Steel Round Bars	ROUND BAR: Diameter : 12,14,16, 18, 20, 22, 25, 26, 28, 30, 32, 34, 36, 38, 40, 43, 46, 50, 53, 57, 60, 70, 80, 110, 120, 130mm Length : 4 to 6 m	See Annex-II	See Annex-II	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
223	7214.9110	Steel Bars and Rods	Rectangular (other than square) Cross Section 6.4 mm to 60 mm dia	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
224	7214.9190	Steel Bars and Rods	Rectangular (other than square) Cross Section 6.4 mm to 60 mm dia	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
225	7214.9110 7214.9190	Steel Flat Bars	FLAT BAR: Size : 6 x 40 mm ~ 20 x 110 mm Length : 4 to 6 m	See Annex-II	See Annex-II	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
226	7215.1010	Bars and Rods	5.5 mm to 12 mm in coils	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75001
227	7215.1090	Bars and Rods	5.5 mm to 12 mm in coils	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75001
228	7215.5010	M.S. Bars, Deformed Bar & Tor Bar (Hot Rolled)	Range 25 to 60mm Length = 6 to 12 Mtr.	ASTM A-36, SR-24, G-60 & 40 and as per Pakistan Steel and Peoples Steel Mills Standard.	As Per Standard	Jabbar Steel Industry A-46/C S.I.T.E Near Pakistan Cable Karachi.
229	7215.5090	M.S. Bars, Deformed Bar & Tor Bar (Hot Rolled)	Range 25 to 60mm Length = 6 to 12 Mtr.	ASTM A-36, SR-24, G-60 & 40 and as per Pakistan Steel and Peoples Steel Mills Standard.	As Per Standard	Jabbar Steel Industry A-46/C S.I.T.E Near Pakistan Cable Karachi.
230	7215.1010 7215.1090 7215.5010 7215.5090	Cold Draw Bars	Cold Draw Bars Ø 10 ~ 60mm Length: 6 m	See Annex-II	See Annex-II	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
231	7216.1000	Steel Sections	<p>- Thickness upto 12 mm (for HR materials), length upto 12 m Blank width 100-600 mm UTS = 275 N/mm<sup>2</sup> Excl. those conforming to ASTM A-572 or equivalent.</p> <p>- Locally produced shapes and sections normally do not conform to DIN/ASTM/JIS/BS, Chinese and other International Standards.</p> <p>(Blank width 100 to 600 mm and UTS upto 65 Kg/mm<sup>2</sup> )</p> <p>Thickness upto 10 mm &amp; size 250 x 250 mm</p> <p>Thickness upto 10 mm and size upto 40 x 250 mm</p> <p>Upto IPN 450</p> <p>Upto 450 x 450</p>	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
232	7216.2100	Steel Sections, L, hot-rolled, hot-drawn	As per BSS-4461-1969, ASTM-A36-75, ASTM-615-76a (1977)	As per Standard	As per Standard	Metropolitan Steel Corporation Limited 706-Progressive Plaza, 101-Bemount Road, Karachi
233	7216.2200	M.S T-Section (Hot Rolled)	Range 50 x 50 to 150 x 150mm Length = 6 to 12 Mtr.	ASTM A-36, SR-24 and as per Pakistan Steel and Peoples Steel Mills Standard.	As Per Standard	Jabbar Steel Industry A-46/C S.I.T.E Near Pakistan Cable Karachi.
234	7216.3290	M.S. I-Beam (Hot Rolled)	Range 100 x 50 to 300 x 150mm Length = 6 to 12 Mtr.	ASTM A-36 and as per Pakistan Steel and Peoples Steel Mills Standard.	As Per Standard	Jabbar Steel Industry A-46/C S.I.T.E Near Pakistan Cable Karachi.
235	7216.3390	Steel Sections, H, hot-rolled, hot-drawn	As per BSS-4461-1969, ASTM-A36-75, ASTM-615-76a (1977)	As per Standard	As per Standard	Metropolitan Steel Corporation Limited 706-Progressive Plaza, 101-Bemount Road, Karachi
236	7216.3390	M.S. H-Beam (Hot Rolled)	Range 100 x 100 to 200 x 200mm Length = 6 to 12 Mtr.	ASTM A-36 and as per Pakistan Steel and Peoples Steel Mills Standard.	As Per Standard	Jabbar Steel Industry A-46/C S.I.T.E Near Pakistan Cable Karachi.
237	7216.3390	Steel Sections, H, hot-rolled, hot-drawn	M.S Channels, M.S I Beams, M.S H Beams, M.S Angles	ASTM A36	ASTM A36 T	Ishtiaq Steel Industry 43-B PECO Road Badami Bagh Lahore.

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
238	7216.5000	Steel Sections	<p>- Thickness upto 12 mm (for HR materials), length upto 12 m Blank width 100-600 mm UTS = 275 N/mm<sup>2</sup> Excl. those conforming to ASTM A-572 or equivalent.</p> <p>- Locally produced shapes and sections normally do not conform to DIN/ASTM/JIS/BS, Chinese and other International Standards.</p> <p>(Blank width 100 to 600 mm and UTS upto 65 Kg/mm<sup>2</sup> )</p> <p>Thickness upto 10 mm &amp; size 250 x 250 mm</p> <p>Thickness upto 10 mm and size upto 40 x 250 mm</p> <p>Upto IPN 450</p> <p>Upto 450 x 450</p>	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
239	7216.6900	M.S. Angles (Hot Rolled)	<p>Range 38 x 38 to 175 x 175mm</p> <p>Length = 6 to 12 Mtr.</p>	ASTM A-36, SR-24 and as per Pakistan Steel and Peoples Steel Mills Standard.	As Per Standard	Jabbar Steel Industry A-46/C S.I.T.E Near Pakistan Cable Karachi.
240	7216.9100	Steel Sections	<p>- Thickness upto 12 mm (for HR materials), length upto 12 m Blank width 100-600 mm UTS = 275 N/mm<sup>2</sup> Excl. those conforming to ASTM A-572 or equivalent.</p> <p>- Locally produced shapes and sections normally do not conform to DIN/ASTM/JIS/BS, Chinese and other International Standards.</p> <p>(Blank width 100 to 600 mm and UTS upto 65 Kg/mm<sup>2</sup>)</p> <p>Thickness upto 10 mm &amp; size 250 x 250 mm</p> <p>Thickness upto 10 mm and size upto 40 x 250 mm</p> <p>Upto IPN 450</p> <p>Upto 450 x 450</p>	--	--	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
241	7216.9900	M.S. Channel (Hot Rolled)	<p>Range 40 x 35 to 250 x 90mm</p> <p>Length = 6 to 12 Mtr.</p>	ASTM A-36 and as per Pakistan Steel and Peoples Steel Mills Standard.	As Per Standard	Jabbar Steel Industry A-46/C S.I.T.E Near Pakistan Cable Karachi.

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
242	7217.1000	Wire, Iron or non-alloy steel, not plated or coated,	As per BSS-4461-1969, ASTM-A36-75, ASTM-615-76a (1977)	As per Standard	As per Standard	Metropolitan Steel Corporation Limited 706-Progressive Plaza, 101-Bermount Road, Karachi
243	7218.1000	Bottom Poured Steel Ingots	Bottom Poured INGOT: SQ – 700 : 360 x 250 x 930mm, 590 Kgs. SQ – 1100 : 390 x 325 x 1135mm, 1000 Kgs. FL – 1200 : 855 x 208/190 x 1130mm 1250 Kgs. FL – 1600 : 900 x 230/210 x 1250mm 1600 Kgs. In addition to above Ingots weighing upto 12mt may be manufactured.	See Annex-III	See Annex-III	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
244	7218.9100	Stainless Steel Ingots	- Ingots and other primary forms - Of rectangular (Other than square cross section)	--	--	Mughal Steel 77 K.M. Sheikhpura Road, Lahore
245	7218.9100 7218.9900	ESR Steel Ingots	ESR INGOT: M – 300/400/600/750- Diameter : 315, 395, 595, 720mm Length : 3000mm (Max.) Weight : 9000 Kgs. (Max.)	See Annex-III	See Annex-III	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
246	7219.2200	Flat Rolled plates of stainless steel	Thickness upto 10 mm, width upto 700 mm and length upto 3 M (Although thicker plates, flats upto 60 mm are also made in non standard sizes) Conforming to all grades of AISI 300 & 400 series and equivalent	--	--	Mughal Steel 77 K.M. Sheikhpura Road, Lahore
247	7219.2100 7219.2200 7219.2310 7219.2390 7219.3210 7219.3290 7220.1100 7220.1210 7220.1290	Steel Plates & Sheets (Hot Rolled)	PLATE: Thickness : 10 mm (min.) Width : 1000 to 1350 mm (max.) Length : 4 to 6 m SHEETS (HOT ROLLED): Thickness : 3 mm (min.) Width : 950 mm (max.) Length : Upto 3 m	See Annex-III	See Annex-III	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
248	7219.2390	Sheets of stainless steel	0.35-6 mm thick, width upto .75 M and length upto 3 M.	--	--	Mughal Steel 77 K.M. Sheikhpura Road, Lahore
249	7220.1290	Strips of stainless steel.	1-6 mm thick, width 200 mm	--	--	Mughal Steel 77 K.M. Sheikhpura Road, Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
250	7222.1100	Steel Round Bars	ROUND BAR: Diameter : 12, 14, 16, 18, 20, 22, 25, 26, 28, 30, 32, 34, 36, 38, 40, 43, 46, 50, 53, 57, 60, 70, 80, 110, 120, 130mm Length : 4 to 6 m	See Annex-III	See Annex-III	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
251	7222.1900	Bars and rods of stainless steel	- Of circular cross section - Bars & rods, not further worked than cold formed or cold finished - Other bars & rods  Dia 20 mm and above	--	--	Mughal Steel 77 K.M. Sheikhpura Road, Lahore  G.M. Steel, Lahore
252	7222.1900	Steel Flat Bars	FLAT BAR: Size : 6 x 40 mm ~ 20 x 110 mm Length : 4 to 6 m	See Annex-III	See Annex-III	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
253	7222.2000	Cold Draw Steel Bars	Cold Draw Bars Ø 10 ~ 60mm Length: 6 m	See Annex-III	See Annex-III	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
254	7224.1000	Bottom Poured Steel Ingots	Bottom Poured INGOT: SQ – 700 : 360 x 250 x 930mm, 590 Kgs. SQ – 1100 : 390 x 325 x 1135mm, 1000 Kgs. FL – 1200 : 855 x 208/190 x 1130mm 1250 Kgs. FL – 1600 : 900 x 230/210 x 1250mm 1600 Kgs. In addition to above Ingots weighing upto 12mt may be manufactured.	See Annex-III	See Annex-III	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
255	7224.9000	ESR Steel Ingots	ESR INGOT: M – 300/400/600/750- Diameter : 315, 395, 595, 720mm Length : 3000mm (Max.) Weight : 9000 Kgs. (Max.)	See Annex-III	See Annex-III	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
256	7225.2000 7225.4000 7226.2000 7226.9100 7226.9900	Plates and Sheets (Hot Rolled)	PLATE: Thickness : 10 mm (min.) Width : 1000 to 1350 mm (max.) Length : 4 to 6 m SHEETS (HOT ROLLED): Thickness : 3 mm (min.) Width : 950 mm (max.) Length : Upto 3 m	See Annex-III	See Annex-III	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
257	7227.9000	Hot Rolled Bars of alloy steel	As per BSS-4461-1969, ASTM-A36-75, ASTM-615-76a (1977)	As per Standard	As per Standard	Metropolitan Steel Corporation Limited 706-Progressive Plaza, 101-Bemount Road, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
258	7228.1000	Steel Forgings	RADIAL FORGING: Size : Square, Round & Varying Section Profile/ Axle of Cross Section 60 to 200 mm and Flat 25 x 55 to 150 x 180 mm Length : 4 to 6 m	See Annex-III	See Annex-III	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
259	7228.2010 7228.2090 7228.3010 7228.3090 7228.6000	Steel Bars	ROUND BAR: Diameter : 12,14,16, 18, 20, 22, 25, 26, 28, 30, 32, 34, 36, 38, 40, 43, 46, 50, 53, 57, 60, 70, 80, 110, 120, 130mm Length : 4 to 6 m FLAT BAR: Size : 6 x 40 mm ~ 20 x 110 mm Length : 4 to 6 m	See Annex-III	See Annex-III	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
260	7228.4000	Steel Forgings	PRESS FORGING: Size/ Die : 500 mm (max.) Length : 15m (max.) Wt. : 15 tonne (max.) RADIAL FORGING: Size : Square, Round & Varying Section Profile/ Axle of Cross Section 60 to 200 mm and Flat 25 x 55 to 150 x	See Annex-III	See Annex-III	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
261	7228.5000	Cold Drawn Bars	Cold Draw Bars Ø 10 ~ 60mm Length: 6 m	See Annex-III	See Annex-III	Peoples Steel Mills Ltd. Javedan Nagar, Manghpir Karachi
262	7228.7000	Alloy Steel Angles	As per BSS-4461-1969, ASTM-A36-75, ASTM-615-76a (1977)	As per Standard	As per Standard	Metropolitan Steel Corporation Limited 706-Progressive Plaza, 101-Bemount Road, Karachi
263	7302.4000	Fish-plates, iron or steel	Fish Plates for Railways	Fish Plate Combination, Joggled Fish Plate, Slotted Fish Plates and Fish Plate bolts and nuts etc.	--	Metal Engineering Works (Pvt) Ltd. S-4, S.I.T.E., Karachi
264	7303.0000	Cast Iron and Ductile Pipes	B.S.S 2035 For Cast Iron and I.S.O 2531 for Ductile Iron Pipes	Cast Iron and Ductile Iron	Grade 14 Mechanite Type GD and NF A 38-012	Ghulam Mohi-ud-Din & Sons, 6 Rehman Gali, Railway Road, Lahore
265	7304.1900	Seamless Steel Line Pipes (unthreaded)	Seamless Steel Line Pipes of All Kind used for Oil & Gas Pipelines with or with out 3 layer Polyethylene /polypropylene / Fusion Bond Coating. Specification: API 5L All Grades Sizes: 1/8 Inch to 10 Inch Nominal Dia. (excluding internally coated pipes)	As per required standard/ specification	As per required standard/ specification	Huffaz Seamless Pipe Ltd. 207-210 2nd Floor , Mashriq, Gulshan-e-Iqbal, Block-14 Karachi- 75300

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
266	7304.2900	Seamless Pipes (unthreaded)	Casing & Tubing of a kind used in Drilling for Oil & Gas. Specification: API 5 CT All Grades Sizes:1/8 inch to 10 inch nominal dia. (excluding internally coated pipes)	As per required standard/ specification	As per required standard/ specification	Huffaz Seamless Pipe Ltd. 207-210 2nd Floor , Mashriq, Gulshan-e-Iqbal, Block-14 Karachi-75300
267	7304.3100	Pipes, Iron or non-alloy steel (unthreaded)	Seamless Steel Pipes / Tubes of other cross-section, of iron or non-alloy steel. Specification : ASTM A 53 / ASTM A 106 , ASTM A 192, ASTM A 199, ASTM A 210, ASTM A 213, ASTM A 519, DIN 2391, DIN 2440, DIN 2441, DIN 2448, DIN 1629, DIN 1630, DIN 17173 / 2448, DIN 17175 / 2448 JIS G 3464, JIS G 3444, BS – 1387. BS 3059, BS, 3059/2, BS 1775, BS 6323, NFA 49 – 112, NFA 49 – 1445, NFA 49-211 UNI 8863; Sizes: 10.3mm to 273mm (excluding internally coated pipes)	As per required standard/ specification	As per required standard/ specification	Huffaz Seamless Pipe Ltd. 207-210 2nd Floor , Mashriq, Gulshan-e-Iqbal, Block-14 Karachi-75300
268	7304.3900	Pipes of circular cross-section, of iron or non-alloy steel	Specification: ASTM A 53 / ASTM A 106 , ASTM A 192, ASTM A 199, ASTM A 210, ASTM A 213, ASTM A 519. DIN 2391, DIN 2440, DIN 2441, DIN 2448, DIN 1629, DIN 1630, DIN 17173 / 2448, DIN 17175 / 2448 JIS G 3464, JIS G 3444 BS – 1387. BS 3059, BS, 3059/2, BS 1775, BS 6323 NFA 49 – 112, NFA 49 – 1445, NFA 49-211 UNI 8863 Sizes : 10.3 mm to 273mm (excluding internally coated pipes)	As per required standard/ specification	As per required standard/ specification	Huffaz Seamless Pipe Ltd. 207-210 2nd Floor , Mashriq, Gulshan-e-Iqbal, Block-14 Karachi-75300
269	7304.5100	Pipes of Iron or non-alloy steel (unthreaded)	Seamless Steel Pipes / Tubes other cross-section, of iron alloy steel, cold drawn or cold rolled. Specification: ASTM A 333, ASTM A 334, ASTM A 335, ASTM A 519. Sizes: From 10.3mm to 273mm (excluding internally coated pipes)	As per required standard/ specification	As per required standard/ specification	Huffaz Seamless Pipe Ltd. 207-210 2nd Floor , Mashriq, Gulshan-e-Iqbal, Block-14 Karachi-75300
270	7304.5900	Tubes of alloy steel, seamless circular cross-section (unthreaded)	Specification: ASTM A 333, ASTM A 334, ASTM A 335, ASTM A 519. Sizes : From 10.3mm to 273mm (excluding internally coated pipes)	As per required standard/ specification	As per required standard/ specification	Huffaz Seamless Pipe Ltd. 207-210 2nd Floor , Mashriq, Gulshan-e-Iqbal, Block-14 Karachi-75300
271	7304.9000	Pipes of Iron or steel, seamless (unthreaded)	Specification: ASTM A 333, ASTM A 334, ASTM A 335, ASTM A 519. Sizes: From 10.3mm to 273mm (excluding internally coated pipes)	As per required standard/ specification	As per required standard/ specification	Huffaz Seamless Pipe Ltd. 207-210 2nd Floor , Mashriq, Gulshan-e-Iqbal, Block-14 Karachi-75300
272	7305.1100	Longitudinally Welded Pipes	ASTM A-134, ASTM A-381, ASTM A-409, ASTM A-589, ASTM A-671, ASTM A-672, ASTM A-139, ASTM A-252, BS-6323, ASTM A-139, A-120, A-653	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
273	7305.1100	Welded Steel Linepipe	M.S. and Galvanized Steel Line Pipes (Electric Resistance Welding) from 1/2" to 18" BSS 1387/1985, API 5L (PSLI), ASTM A53	HR-1, HR-2, HR-3, HR-4, HR-235, HR-274, API 5L-B API 5L X42	--	Jamal Pipe Industries (Pvt) Ltd; 88-Railway Road Lahore
274	7305.1100	Helical Seam Submerged - Arc Welded Pipes (Spiral Welded Pipes)	219.mm upto 2438. mm in thickness of 4.0mm and upto 25.4mm and API Steel Grade Upto X-80 PSL-2 According to API-DIN-BS-AWWA-ASTM Standard. (Protective Coating both internal as well as external coating of these pipes i.e. 3 layer Poly Ethylene/ Poly Propylene Coating as per DIN 30670, CSA Z 425.20 and CSA Z 245.21]	As per API 5L	According to API Specs	Data Steel Pipe Industries (Pvt.) Ltd. Ibrahim Building, 20-West Wharf Road Karachi
275	7305.1100	Steel Line Pipe	<u>Spirally welded (Submerged arc Welded):</u> a) Bare: Size : 6" to 126" dia, Grade upto X-80 API-5L ASTM and BS specification b) Coated with 3 layers: Polyethylene, /Polypropylene, Copolymer(Adhesive),Fusion Bonded Epoxy for 6" to 60" Dia Linepipe <u>Electric Welded</u> a) Bare: Size: ½ to 12" , Electric Resistance Welded (ERW), Electric Induction Welded (EIW) (straight seam), upto Grade API X-52, ASTM, BS Specification b) Galvanized Iron., Electric Resistance ERW and Electric Induction EIW, ASTM, and BS Standard	As per Table 5 3 A and 3 B of API Specification 5 L, ASTM and BS Specifications.  As per table 3A of API. Specification 5L, ASTM and BS Specifications	As per table 2A and 2B of API specification 5L, ASTM and BS specifications  As per table 2A of API specification-5L, ASTM of BS Specification	- Ramna Pipe Lahore - Shalimar Pipe Mills Lahore  - Indus Steel Pipes Ltd. 7th Floor, PIC Tower, 32-A Lalazar Drive Karachi  - Shashi Steel Pipe Works, Karachi
276	7305.1900	Line Pipe for oil or gas pipelines	Longitudinally Welded Pipes: ASTM A-139, A-671, A-672, A-381, A-120, A-653, A-A-252, A-409, BS-6323	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
277	7305.3100	Steel Line Pipe	Longitudinally Welded Pipes: ASTM A-139, A-671, A-672, A-381, A-120, A-653, A-A-252, A-409, BS-6323	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
278	7305.3100	Steel Line Pipe	Longitudinally Welded 1/2" to 12-3/4" dia ERW/EIW Grade: A25 - X-60, PSL - 1 & 2; API 5L	As Per API Specification 5L(43rd Edition)	As Per API specification 5L (43rd Edition)	BBJ Pipe Industries (Pvt) Ltd. 23rd, 1st Floor, Bilal Centre,Nicholson Road, Lahore
279	7305.3100	Carbon Steel Pipe/ Coating	8" to 90" diameter, wall thickness 4mm to 19.1mm, API5L grade B to X80; PSL-1 & PSL-2; 3 Layer Polyolefin Coating Coating Range 4" to 56" diameter	As per API 5L Grade B to X80 or equivalent PSL-1 & PSL-2	As per API 5L, Grade B X80 OR equivalent PSL-1 & PSL-2	Crescent Steel and Allied Product Ltd. 9th Floor, SIDCO Avenue Centre, 264-RA Lines, Karachi-74400

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
280	7306.1900	Casing and Tubing	Tubing 1" to 4-1/2" Casing 4-1/2" to 13-3/8" GPI H-40; GP3 P-110; GP4 Q-125;PLS-I (API5CT)	--	--	BBJ Pipe Industries (Pvt) Ltd. 23rd, 1st Floor, Bilal Centre,Nicholson Road, Lahore
281	7306.1900	Pipes, Line, Iron or steel	(I) Wellhead completion equipment parts components and consumables used for drilling and production of oil and gas from a well onshore or off shore. (excluding following spares) Ring Gaskets, Retainers, Spacers, Seals, Gland Packing, NX Bushing, Redress Kits, Cad plated Nuts & Studs <u>a) Wellhead Assemblies as per API 6A Specs. Specs. For the following items:</u> i) Casing head housing ii) Casing head spool iii) Casing hangers iv) Side outlet valves v) Wear bushings vi) Flanges (API 6A) vii) Secondary seals viii) Testing tools ix) Accessories like riser, spacers spool, mud lines and suspension systems <u>b) Tubing Head Spool;</u> - Secondary seal assembly, - Tubing hangers - Side outlet valves - Flanges (API 6A) - Tubing head adapters, E13 - X-mas tree assemblies - Chokes and accessories like tree caps - Back pressure valves <u>c) Double Studded Adapter:</u> Flanges and secondary seals and other from 1-	Upto 10,000 psi  <u>As per API 6A specs.</u>  upto 30" 7" - 30" 5' - 30" 1-13/16" to 7-1/16" ID 5" - 30" 1-13/16" to 7-1/16" ID For pressure from 2000 to 10000 psi -do-  <u>As Per API 6A Specs.</u>   <u>As Per API 6A Specs.</u> from 1-13/16" to 26-3/4" ID	NACE Compliant	ADOS Pakistan Limited H.No. 88, Main Margalla Road, F-8/2, Khayaban-e-Iqbal Islamabad

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
282	7306.9000	Pipes of Iron or steel	Galvanized pipes. Diameters: 15mm (½"), 20mm (¾"), 25mm (1"), 32mm (1¼"), 40mm (1½"), 50mm (2"), 65mm (2½"), 80mm (3"), 100mm (4"), 125mm (5") and 150mm (6") Wall Thickness: From 1.80mm to 7.10mm. Standards: BS 1387 (1985), ASTM A53 (2002), DIN 2440 & 2441 and other upon request. Precision Steel Tubing Diameters: Round:12.70, 15.90, 17.50, 19.05, 22.20, 23.80, 25.40, 28.60, 31.80, 38.10, 42.20, 48.10 & 60.30 Wall Thickness: .60mm to 2.0mm Standards BS 6323 Part1 & 5 (1982) Shape: Square, Rectangle & Elliptical in equivalent size to above round dia. API Line Pipe for Gas Distribution, under API License Diameters: 26.7mm (¾"), 33.4mm (1"), 60.3mm (2"), 114.3mm (4") and 168.3mm (6") Wall Thickness: From 2.87mm to 7.10mm Standards: API 5L (Latest Edition) ASTM A53 (2002) and other upon request L, T & Z Profiles for Door & Windows Frames Diameter / Shape: L40, T48, Z48, L55, T60, Z60 Wall Thickness: From 0.70mm to 0.90mm Standard: IIL Standard (excluding internally coated pipes)	As per Standard	Low carbon steel	International Industries Ltd. 101 Beaumont Plaza, 10 Beaumont Road, Karachi
283	7307.2100	Stainless Steel Flanges	Different types of flanges as per customer requirement	All Steel and Stainless Steel Flanges and Flanges of Standard ANSI B16.5 etc.	--	Metal Engineering Works (Pvt) Ltd. S-4, S.I.T.E., Karachi
284	7308.1000	Fabricated Steel Profiles	Plate fabricated I & H Sections Maximum height, width and Flange/Web thickness of Sections= 2500 mm, 800 mm, 30/25 mm respectively AISI, BS-5400	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
285	7308.1000	Steel Buildings and Structure	Steel Structure for platforms, Gantries, Steel piles casing for following industries: 1. Oil & Gas fields 2. Oil Refineries 3. Fertilizer Industries 4. Cement Plants 5. Sugar Mills 6. Flood light Masts 7. Lattice type towers 8. Jetties & Terminals 9. Industrial Sheds 10. Multistoried Residential and Commercial Buildings, constructed with Steel Structure. In accordance to AISC,AISI, BS 5400, AWS - D.1.1.Masts, towers, plate girders, columns, supports, staging, walkways, factory sheds, grid and yard structures, platforms for all industrial plants (cement, sugar fertilizer, chemical, petro-chemical, oil refineries & processing, Sewage-water treatment) Industrial buildings 20x70m to 30 to 100m	--	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700  Brothers Engineering Ltd. 135-Upper Mall, Lahore.  Heavy Mechanical Complex (Pvt) Ltd. Taxila
286	7308.1000	Industrial equipment steel	Ducts chutes, draughts, chimneys, cyclones, etc for all industrial plants (cement, sugar fertilizer, chemical, petro-chemical, oil refineries & processing, Sewage- water treatment)	--	--	Brothers Engineering Ltd. 135-Upper Mall, Lahore.
287	7308.2000	Transmission and Communication Iron or Steel Towers	Load bearing capacity = 500Kg/ Sq. M.,	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
288	7308.2000	Masts, lattice and jetties of Iron or steel, for ships	1) Breasting Dolphins for Jetty upto 35000 mm long and 2300 mm diameter. 2) Mooring Dolphins for Jetty upto 17500 mm long and 1020 mm diameter. 3) Piles for Jetty upto 33500 mm long and 609 mm diameter.In all types and sizes (excluding internally coated pipes)	--	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
289	7308.2000 7308.3000 7308.4000	Towers of iron or steel	Self supporting and lattice type masts & Towers upto 60M. (Excluding Masts and Structures for Oil/ Gas Rigs)	Flood Light Towers upto 65000 mm height and Diameter upto 1800 mm diameter.	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700  Brothers Engineering Ltd. 135-Upper Mall, Lahore.  Heavy Mechanical Complex (Pvt) Ltd. Taxila

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
290	7308.2000 7308.9010	Power Transmission Towers of Iron or Steel	11 Kv, 66 Kv, 132 Kv, 220 Kv, 500 Kv and Telecommunication Towers, (Green field, Roof top, Triangular, Monopole in all types and sizes)	Angles, Plates and Hardware of M.S., H.T. of grade DIN17100, S355 JR, ASTM A572/572M grade 50, ASTM A394 Type 0, ISO 898 grade 5.8, 6.8 and 8.8, ASTM A36/A36M	--	Pakistan Engineering Company Limited 6/7, Ganga Ram Trust Building The Mall, Lahore
291	7308.9010	Iron or steel Shelvings	Racking & shelving system - heavy duty pallet racking system, medium duty racking system, library shelving system, compressed filling system etc. For Warehouse, Stores, Supermarket and Factories etc.	--	--	Gujrat Steel (Pvt) Ltd. 183 A.M,Shahrah-e-Iraq, Saddar, Karachi
292	7308.9010	Iron or steel Communication Racks	ETSI (European Telecommunications Standard Institute) standard and 19" Installation racks to house telecommunication equipment	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
293	7308.9010	Gates of Iron or steel	Gates for Barrages. In accordance to AISC, AWS D.1.1 Sizes (up to 3 MTR heights, 4 MTR wide, 12 MTR lengths (Barrage & Tunnel Gate for Hydlye & Irrigation purpose).	--	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700  Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
294	7308.9010	Iron or Steel Racks	Racks sizes up to width 1.2 MTR, Height 4, and 12 MTR (bolted structure and can be assembled in any dimension Fencing sizes (up to 4mtr height	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
295	7308.9010	Iron or Steel Strips	CR steel strips thickness range: 04 to 2.8mm sizes: available in all types and sizes	--	--	International Industries Ltd. 101 Beaumont Plaza, 10 Beaumont Road, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
296	7308.9090	Other Structure and parts of iron or steel	Gates sizes (up to 3 MTR heights, 4 MTR wide, 12 MTR lengths (Barrage & Tunnel Gate for Hydle & Irrigation purpose. Racks sizes up to width 1.2 MTR, Height 4, and 12 MTR (bolted structure and can be assembled in any dimension Steel Structure (for Equipment, Plant Warehouse, Building and other purposes) - Light Structure (stairways , ladder railing and Plate Form) Sizes up to 0 ~ 200 mm - Medium Structure (flooring) Sizes up to 200 ~350 - Heavy Structure (column and framing beam) Sizes depth up to 350~1500 mm	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
297	7309.0000	Tanks of iron or steel	Upto 35,000 cubic metre i.e. Diameter= 60 meters, Height= 17 Meters API-650, API-620, BS-2594, BS-799, BS-1564, BS-7777, BS-2564, BS-7122, API-12B, API-12D, API-12F, AWWA, UL No. 142, UL 58	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
298	7309.0000	Reservoirs of Iron or steel	Large diameter tanks such as storage tanks for petrochemical industry, alcohol storage tanks, molasses storage tanks, LPG Bullets and bio gas reactors. In accordance to API-650, API-620, BS-2594, BS-799, BS-7777, BS-1564, BS-2564, BS-7122	1) Circullar Capacity upto 500,000 Liters. Diameter upto 34000 mm Height upto 15000 mm. 2) Square Tanks for 26 MVA PMTs upto 4500 mm length, 1600 mm width and 2600 mm height.	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
299	7309.0000	Steel Tanks for water and oil storage	Reservoirs, tanks, vats and similar containers for any material (other than compressed or liquefied gas), of iron or steel, of a capacity exceeding 300 l, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment. Under ground and above the ground oil/ chemical and water storage tanks; Capacity = 300 ltr to 500,000 litre As per code API 650 and others Material = HR - 255, HR-275, HR-283, HR-285, SA-36, HR 275&25 Steel Plates., Carbon Steel, mild Steel, Stainless Steel and Alloy. Ranging from 10m to 40m in diameter. Height ranging upto 15 Meters	--	--	Petrosin Ravi Industries Ltd. Shahra-i-Pakistan Kala Shah Kakoo G.T Road Lahore  Cylinders Engg. Industries (Pvt) Ltd 9-C, 13th Commercial Street, Phase-II, Defence H. Authority, Karachi
300	7309.0000	Steel vessels and storage tanks	Pressure Vessels upto 80mm wall thickness. Storage Tanks upto 40000 m <sup>3</sup>	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
301	7309.0000	Tanks, iron or steel	Aluminum Tanks for Transportation of Fuel (capacity over 300L)	Tow bar fuel tanker, truck mounted fuel tanker, trailer mounted fuel tank, mobile dispenser	--	Metal Engineering Works (Pvt) Ltd. S-4, S.I.T.E., Karachi
302	7309.0000	Steel Containers / Tanks	Reservoirs, tanks, vats and similar containers: e.g. M.E.G. road Tanker barrels, Oil Storage Tanks, Low Pressure Feed Water Heater/Deaerator and Feed Water Tank. Clarifier Tanks, etc. of capacity exceeding 300 liters For any service and any type of steel; (other than compressed or liquefied gas at low temperature)	--	--	Design & Dev. Fabr. Lahore  Haseeb Waqas Engineering Ltd. 103, B/1, M.M. Alam Road Gulberg.III Lahore
303	7310.1000	Steel Drums	Oil storage Drum, under storage tank of steel, skid mounted fuel tank	--	--	Metal Engineering Works (Pvt) Ltd. S-4, S.I.T.E., Karachi
304	7310.1000	Cans and Containers	For any service & of any type of steel, whether or not lined or heat insulated but not fitted with mechanical or thermal equipment (other than compressed or liquefied gas), Chlorine cylinders 01 ton capacity	--	--	Hashmi Can Co. Ltd. B-24, Manghopir Road, SITE PO Box. 3608, Karachi-75700  Brother Engg. Ltd. 135-Upper Mall, Lahore.
305	7311.0000	Containers	For compressed or liquefied gas, of iron or steel Shop built sizes up to 5 x 5 MTR (Width, Height) Site built sizes up to Dia 20 MTR and Length 20 MTR	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
306	7311.0000	Iron or steel pressure vessels and drums	Pressure Vessels, Knock out drums, Steam drums, Steam saturation drums, Boiler feed water tanks, De-aerator tanks, Truck mounted, Above/Under ground LPG Vessels, LNG Spherical storage Tanks. In Accordance to ASME sec VIII Div 1 & 2. BS 5500 Cat 1&2 TEMA.	1) LPG Vessel upto 5000mm dia X 52380 mm length and 31 mm thick. 1100 m <sup>3</sup> storage capacity. Largest LPG vessels fabricated in Pakistan.	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
307	7311.0000	LPG cylinders of iron or steel	a. LPG Cylinders with capacity = (6.0kg, 11.8 Kg, 15 Kg and 45.4 Kg) b. LPG Storage Bullets (from 01 MT Capacity to 100 MT) c. LPG Transportation bowzers (10 MT to 25 MT) with under carriage. d. Pressure vessel (15 PSI to 4000 PSI) as per ASME section VIII Div 1 and material thickness 8mm to 50.8mm	Working Pressure : 7 Bar Test Pressure : 30 Bar Burst Test Pressure : 70 Bar  DOT, ASME & BS Standard	Material: HR,SG-255 Steel Sheets.  DOT, ASME & BS Standard	Petrosin Ravi Industries Ltd. Shakra-i-Pakistan Kala Shah Kakoo G.T Road Lahore  Cylinders Engg. Industries (Pvt) Ltd 9-C, 13th Commercial Street, Phase-II, Defence H. Authority, Karachi  Gujrat Steel (Pvt) Ltd. 183 A.M,Shahrah-e-Iraq, Saddar, Karachi  FAS Tube Mills & Engineering Industries 67 - C Steel Street (Meco)Market, Landa Bazar, Lahore -54000
308	7311.0000	Pressure Vessels for LPG Storage.	As per ASME Code Sec: VIII Div-1. Ranging from 30 Tons capacity and onwards with Wall Thickness from 20mm to 70mm.	--	Material: HR,SG-255 Steel Sheets.	Cylinders Engg. Industries (Pvt) Ltd 9-C, 13th Commercial Street, Phase-II, Defence H. Authority, Karachi
309	7311.0000	LPG bulk storage tanks	LPG bulk storage tanks of capacity 500 kgs and above cylindrical pressure vessels of thickness upto 250mm	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
310	7311.0000	Pressure Vessels	Type: Horizontal & Vertical Size: Dish Head (2:1 tori-spherical Ø6m x 30mm thick in CS and 20mm thick in S. Steel. Plate bending 120mm thick in CS, 4,000mm long in CS. Desing Code/ Standards: ASME Sec. VIII-1-2, 3	--	--	Heavy Mechanical Complex-3 Hattar Road, Taxila
311	7311.0000	Storage Tanks	Type: Horizontal & Vertical Size: Dish Head (2:1 tori-spherical Ø6m x 30mm thick in CS and 20mm thick in S. Steel. Plate bending 120mm thick in CS, 4,000mm long in CS. Desing Code/ Standards: API-620.	--	--	Heavy Mechanical Complex-3 Hattar Road, Taxila
312	7312.1010	Stranded wire of Iron or steel, not electrically insulated	As per BSS-4461-1969, ASTM-A36-75, ASTM-615-76a (1977)	--	--	Metropolitan Steel Corporation Limited 706-Progressive Plaza, 101-Bemount Road, Karachi
313	7312.1010	P.C Strand	Size 3/8", 7/16" & 1/2"	--	C-Si-Mn-P-S-Cr-Ni-Cu Al & Mo	Cable & Conductor Ltd. 1st Floor, 41 Civic Centre Barkat Market New Garden Town Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
314	7312.1010	Galvanized Steel Wire Stranded	WAPDA P 12:80	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
315	7312.1020	Galvanized steel wire	WAPDA P 12:80	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
316	7312.1020	Stranded ropes of Iron or steel, not electrically insulated	ASTM, JIS all International spec	Low Carbon to High Carbon Steel Wire & Ropes	--	Chaudhri Wire Rope Industries (Pvt) Ltd. 25 Km G.T Road Muridke Lahore
317	7312.1020	Steel Wire Rope	6X7FC, SC & IWRc-6X12, 6X19, 6X24, 6X36, 6X37 FC, SC & IWRD	--	C-Si-Mn-P-S-Cr-Ni-Cu Al & Mo	Cable & Conductor Ltd. 1st Floor, 41 Civic Centre Barkat Market New Garden Town Lahore
318	7312.1020	Wire Rope (Not electrically insulated)	SWRH 42B, 47B, 62B & 72B JIS G 3506	8 mm to 20 mm Ø	C/ 62-72, Si 195, Mn 67, P .6, S .13, Si 195-201	Wire Manufacturing Industry Ltd. 45-KM Lahore-Multan Road, Nathey Khalsa, Bhai Pheru District Kasur
319	7312.1020	P.C. Strand	JIS G 3506 / SWRH-82 B (ASTM A-416/B.s. 5896 Grade 250/270-K, Normal Relaxation, Not Electrically Insulated)	7 Wire Strands 1/2", 3/8", 7/16"	C 0.81, Si 0.24, Mn 0.84, P 0.015, S 0.012	Wire Manufacturing Industry Ltd. 45-KM Lahore-Multan Road, Nathey Khalsa, Bhai Pheru District Kasur
320	7312.1020	Prestressed Concrete	JIS G 3506 / 1980 SWRH-82 B (ASTM A-421 Grade 250/270-K, Not Electrically Insulated)	Wire (variable dia)	C 0.80/ .84, Si 0.22, Mn .60/.80, P .02X, S.02X, Cr .240/.260, N .010, Cu .007, Ni .014, Mo .001, V .025	Wire Manufacturing Industry Ltd. 45-KM Lahore-Multan Road, Nathey Khalsa, Bhai Pheru District Kasur
321	7312.1020	High Carbon Steel wire strand	JIS G 3536 SWRH-82B-1 (Not Electrically Insulated)	Wire (variable dia)	C 82/83, Si 23/27, Mn 76, P 11/17, S 4/6, Cr 17/19	Wire Manufacturing Industry Ltd. 45-KM Lahore-Multan Road, Nathey Khalsa, Bhai Pheru District Kasur
322	7312.1020	High Tensile Steel	JIS G 3506 /B.S. 5896 (Grade 250/270-K, Normal Relaxation, Not Electrically Insulated)	Wire (variable dia)	C .81%-.83%, Mn .75-77%, P .010-.014%, S .002%-.005%, Si .25-.26%, Sr .17%-.18%	Wire Manufacturing Industry Ltd. 45-KM Lahore-Multan Road, Nathey Khalsa, Bhai Pheru District Kasur
323	7312.1020	Hard Drawn/ Spring wire	JIS G 3536 (Not Electrically Insulated)	Wire (variable dia)	C .83, Mn 0.67, P 0.013, S 0.010, Si 0.19, Cr 0.250, N .006, Cu .007, Ni .014, Mo 0.25, Sn .002	Wire Manufacturing Industry Ltd. 45-KM Lahore-Multan Road, Nathey Khalsa, Bhai Pheru District Kasur
324	7312.1090	Core Wire for ACSR	JIS G 3506 62 B, 72 B (Not Electrically Insulated)	Wire (variable dia)	C 73, m 67, P 0.06, S 0.013, Si .195	Wire Manufacturing Industry Ltd. 45-KM Lahore-Multan Road, Nathey Khalsa, Bhai Pheru District Kasur

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
325	7313.0000	Barbed wire of Iron or steel	As per BSS-4461-1969, ASTM-A36-75, ASTM-615-76a (1977)	--	--	Metropolitan Steel Corporation Limited 706-Progressive Plaza, 101-Bemount Road, Karachi
326	7314.3100 7314.4100	Fencing of Iron or steel	Fencing (up to 4 mtr height)	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
327	7317.0090	Staples Pins of iron or steel	All Sizes	--	--	Dollar Industries (Pvt) Ltd. D-85, SITE, Karachi – 75700
328	7318.1200	Screws (Wood, Threaded, Iron & Steel)	Gauges : 3 SG to 14 SG Lengths : 1/2" to 5"  British & DIN Standards - Twinstart & Full Dia.	Countersunk & Round Head, Slotted & Phillips, Partial & Fully Threaded Screws.	Mild Steel with 0.10% Carbon & Stainless Steel.	Adamjee Engineering (Pvt.) Ltd. Plot No. 1 & 16, Sector 20, Korangi Industrial Area Karachi
329	7318.1400	Screws (Self-Tapping, Threaded)	Gauges : 4 SG to 14 SG Lengths : 1/2" to 5" (or Metric equivalents)  BS-4174 or DIN Standards	Hardened Screws, all types of heads, Nickel, Zinc or Rainbow Plated for use in metal plates & sheets made from Medium Carbon Steel .Torque Strength upto 136 lbs/sg. Inch.	Medium Carbon Steel 0.15-0.20,	Adamjee Engineering (Pvt.) Ltd. Plot No. 1 & 16, Sector 20, Korangi Industrial Area Karachi
330	7318.1400	Machine Screws	Guages : 1/8 to 5/16" & M3 to M8 Lengths : upto 5" or 125mm BS-4183 & DIN Standards 963, 964 & 965.	All types of Heads, Zinc & Rainbow Plated.	Mild Steel & Stainless Steel.	Adamjee Engineering (Pvt.) Ltd. Plot No. 1 & 16, Sector 20, Korangi Industrial Area Karachi
331	7318.1400	Drywall (Bugle Head) Screws.	Guages : 6 to 12 SG Length : Upto 3" DIN Standard in Fine & Coarse Thread.	Hardened Screws, all types of heads, Nickel, Zinc or Rainbow Plated for use in metal plates & sheets made from Medium Carbon Steel .Torque Strength upto 136 lbs/sg. Inch. (Black Phosphated)	Medium Carbon Steel 0.15-0.20, S&P 0.045% max, & Mn 0.20 – 0.60% & Stainless Steel.	Adamjee Engineering (Pvt.) Ltd. Plot No. 1 & 16, Sector 20, Korangi Industrial Area Karachi
332	7318.1590	Bolts of Iron or steel	Dia M6 ~ M24 SAE 4.8, 5.8, 8.8, 10.9, 12.9	SAE 1,2,5,8,A574 Tensile:60,74,120,150,180 KSI Yield Strength: 36,57,92,81,130,160 KSI	S&P 0.045% max, &	Mirza Younas & Co. Zahoor Coloney Momin Pura Road, Near Bhatta Daroghawala,Lahore
333	7318.1590	Bolts of Iron or steel	Dia M6 ~ M24 M.S & High Tensile	SAE 5, SAE 8 , SAE 2 Tensile Stress 120 KSI,150 KSI,	Mn 0.20 – 0.60% & Stainless Steel.	Mirza Younas & Co. Zahoor Coloney Momin Pura Road, Near Bhatta Daroghawala,Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
334	7318.1590	Bolts of Iron or steel	Dia M6 ~ M24 M.S & High Tensile	SAE 2, 5, 8 Proof Stress 105~1050 KSI	C= 0.28~ 0.55 Mn= 0.30max Ph= 0,05 max S=0.15 max Cr= 0.25 max	Mirza Younas & Co. Zahoor Coloney Momin Pura Road, Near Bhatta Daroghawala,Lahore
335	7318.1590	Bolts of Iron or steel	Bolts, Nuts, Rivets, Studs, Washers, Screws of Steel, Mild Steel, Stainless Steel and Galvanized	Grade AISI 1008, 1010, 1012, 1025, 1030, and equivalent grade 8.8, 10.8, 12.8 and equivalent; Galvanized High Tensile Strength	--	Inayat Brothers P-27 Canal Road, Peoples Colony # 1, Faisalabad
336	7318.1590	Bolts of Iron or steel	Agricultural and all types of Bolts, Nuts and Washers	AISI 1008,1010,1012,1015,1025,1030, and equivalent High Tensile Strength	--	I. B. Industries P-27 Canal Road, Peoples Colony # 1, Faisalabad
337	7318.1590	Bolts of Iron or steel	Gauges : M3 to M8 Lengths : upto 110mm Hex Head Bolts, Flat & Indented. British & DIN Standards.	Fully or partially threaded, Zinc or Rainbow Plated.	Mild Steel, Medium Carbon Steel & Stainless Steel.	Adamjee Engineering (Pvt.) Ltd. Plot No. 1 & 16, Sector 20, Korangi Industrial Area Karachi
338	7318.1900	Threaded Nuts of Iron or steel	Dia M6 ~ M24 Medium,High Carbon & Alloy Steel	SAE 4.8,8.8,10.9 & 12.9	C% 15~55 P% 0.03~0.05 S% 0.03~0.05 Ni% 0.15~0.22 Cr% 0.18~0.25	Mirza Younas & Co. Zahoor Coloney Momin Pura Road, Near Bhatta Daroghawala,Lahore
339	7321.9000	Shelves of Iron or steel	Made of CRC, HRC, Galvanized Steel Sheet	--	--	Gujrat Steel (Pvt) Ltd. 183 A.M,Shahrah-e-Iraq, Saddar, Karachi
340	7325.1000	Articles of Cast Iron	Cast iron castings upto 28 tons weight (single piece) steel casting (low alloy) upto 32 tons weight (single piece)	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
341	7325.9100	Hi-chrome grinding media balls	Hi-chrome grinding media balls of dia 22-100 mm	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
342	7326.1100	Forged grinding media balls	Forged grinding media balls of diameter 30-120mm	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
343	7326.1990	Steel free forged items	Steel free forged items upto 120kg per piece weight	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
344	7403.1100	Cathodes	Copper Cathodes cut to pieces	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
345	7403.1200	General House Wiring (PVC)	3/.029", 7/.029", 3/.036", 7/.036", 7/.044", 7/.052", 7/.064" BS-2004, BS-6004	T/S, Elong, DC Resistance IR, HVT	Purity: 99.99%	H.M. Esmail & Co. (H.M. Cables) SB-5, Madina City Mall 6th Floor , Abdullah Haroon Road, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
346	7407.1020	Copper Rod	ASTM B-49 8.0mm ASTM B-49 Electrical Conductor	Breaking Load Elongation Resistance	Purity: 99.99%	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore  H.M. Esmail & Co. (H.M. Cables) SB-5, Madina City Mall 6th Floor , Abdullah Haroon Road, Karachi
347	7407.1020	Copper Rod	Dia 8.00 & 10.50mm ASTM B-49	--	99.9% (min)	Bawany Metals Ltd. 1001-Unitowers, I.I. Chundrigar Road, Karachi
348	7408.1900	Copper Wire	ASTM B-2 & B-3	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
349	7411.1010	Refined Copper Tubes	Restrictor tube Chrome, Bronze, Lengths of 1meter, 1.25 meter	--	--	Tesla Industries Pvt. Ltd. Plot No. 81-F, St. 6, I-10/3 Islamabad
350	7413.0000	Stranded wire/ cables of copper not electrically insulated.	Range of Sizes: 1.5MM <sup>2</sup> to 1000MM <sup>2</sup> Voltage Grade: upto 220 KV BSS-6360:7884	• HDBC • PACC	High Conductivity Copper	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
351	7413.0000	Stranded Copper Wire	Size from 1.5 mm to 1000 mm BS 6360	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
352	7413.0000	Flexible Cable	0.5mm <sup>2</sup> - 240mm <sup>2</sup> BS-6004, BS-6500	T/S, Elong, DC Resistance IR, HVT (PVC)	Purity: 99.99%	H.M. Esmail & Co. (H.M. Cables) SB-5, Madina City Mall 6th Floor , Abdullah Haroon Road, Karachi
353	7413.0000	Instrument Cable	0.5mm <sup>2</sup> - 4mm <sup>2</sup> BS-5308, PI & PII (Shielded) (Flexible & Stranded.)	T/S, Elong, DC Resistance IR, HVT	Purity: 99.99%	H.M. Esmail & Co. (H.M. Cables) SB-5, Madina City Mall 6th Floor , Abdullah Haroon Road, Karachi
354	7413.0000	PVC Power Cable	0.5mm <sup>2</sup> - 400mm <sup>2</sup> BS-6346, IEC-502 (Armoured & Unarmoured)	T/S, Elong, DC Resistance IR, HVT	Purity: 99.99%	H.M. Esmail & Co. (H.M. Cables) SB-5, Madina City Mall 6th Floor , Abdullah Haroon Road, Karachi
355	7413.0000	XLPE Power Cable	1.5mm <sup>2</sup> - 400mm <sup>2</sup> BS-5467, IEC-502 (Armoured & Unarmoured)	T/S, Elong, DC Resistance IR, HVT	Purity: 99.99%	H.M. Esmail & Co. (H.M. Cables) SB-5, Madina City Mall 6th Floor , Abdullah Haroon Road, Karachi
356	7415.1000	Nails and tacks, drawing pins, staples and similar articles	All Sizes	--	--	Dollar Industries (Pvt) Ltd. D-85, SITE, Karachi – 75700

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
357	7415.2100	Washers (Brass) including spring washers.	<u>Sizes</u> a) Outer Dia upto 80mm b) Thickness upto 20mm <u>Types</u> As per customer requirements. Thrust Washers various types.	Sintered Washers made from Bronze Powder.	90% Copper & 10% Tin or 100% Bronze.	Adamjee Engineering (Pvt.) Ltd. Plot No. 1 & 16, Sector 20, Korangi Industrial Area Karachi
358	7415.3300	Brass Screws for wood	Guages 3 - 16 & upto 4" In length - British & DIN Standards	Countersunk & Round Head, Slotted & Phillips.	67% Copper, 33% Zinc	Adamjee Engineering (Pvt.) Ltd. Plot No. 1 & 16, Sector 20, Korangi Industrial Area Karachi
359	7502.1000	Unwrought Nickel	Nickel Cathode, cut to pieces (excluding alloyed nickel )	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
360	7601.2000	Aluminium Alloy Ingots	As per following standards; HD2, HD2G, HD4, HD1.1, LM6, LM13, LM24, LM28, ADC12, AC3A, AC4B, AC4C, ADC6, B12G19X, AS7GO6, ALSi12Cu	As per International Standards " JIS, Japan, ASTM, USA and BS, British"	As per International Standards " JIS, Japan, ASTM, USA and BS, British"	Sun Metal Industries (Pvt. Ltd. Suite # 108, Anum Trader Center, State Avenue, S.I.T.E. Karachi.
361	7601.2000	Aluminum Alloy Ingot	About 7 ~8 Kg Ingot Size 22"L x 4"W ADC-12 as per JIS, LM-06 as per B.S. LM-24 as per B.S., AC-3A as per JIS, ADC-06 as per JIS, HD-02 For Honda, HD-2G For Honda	--	Si =9~12 % Fe =0.6~1.2 % Cu =2 ~3.5 % Mn =0.10~0.80 % Mg =0.10~0.50 % Ni =0.10 % Zn=0.10~1.00 % Pb =0.10 % Sn=0.10 %	New Era Industries F61/G S.I.T.E, Karachi
362	7604.1010	Aluminium Rod	ASTM B-233	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
363	7604.2100	Hollow Profiles of Aluminum Alloy	Door / Window Sections BSS 1474, ASTM-B-221, BSS-3987, AAMA CLASS 1, BSS-1615	• Anodized • Powder Coated	Aluminium Alloy	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
364	7604.2990	Profiles of Aluminum Alloy	Door / Window Sections BSS 1474, ASTM-B-221, BSS-3987, AAMA CLASS 1, BSS-1615	• Anodized • Powder Coated	Aluminium Alloy	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
365	7605.1900	Aluminium Wire	ASTM B-230	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
366	7607.1100	Articles of Aluminum Foil	Aluminum Cable Foil for Telephone industry 0.200mm + '- 0013mm both side of foil with 50u for PE/Copolymer Coating + '- 0.004nmm or 0.050mm making on overall substance 0.300mm + '- 0.005mm (Not over 0.2mm thickness)	--	--	Aluminum Processing Industries Intl (Pvt) Ltd. D-76, S.I.T.E. Karachi  Pakistan Metal Industries D-76, Main Avenue, S.I.T.E. Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
367	7607.1100	Articles of Aluminum Foil	Aluminum Foil Paper Backed for Cigarette and tea Inds. Thickness not exceeding 0.2mm for manufacture of aluminum foil 6.0u - 7.0u for laminated with paper (tissue paper, poster paper, board 20 - 400 gsm both Silver & Gold lacquered foil. (Not over 0.2mm thickness)	N/15am, 45-60gsm elongation 2 - 2.5%	--	Aluminum Processing Industries Int'l (Pvt) Ltd. D-76, S.I.T.E. Karachi  Pakistan Metal Industries D-76, Main Avenue, S.I.T.E. Karachi
368	7607.1100	Aluminium Finstock in continuous length for Air Conditioning Industry	Aluminium Cable Foil for Telephone Industry 0.200mm + '- 0013mm both side of foil with 50u for PE / Copolymer Coating +'- 0.004mm or 0.050mm making on overall substance 0.300mm +'- 0.005mm, not over 0.2mm thick, not backed	--	--	Pakistan Metal Industries D-76, Main Avenue, S.I.T.E. Karachi
369	7607.1990	Aluminium Finstock in continuous length for Air Conditioning Industry	Aluminium Foil thickness 7u, laminated with 40gm paper backed, hot melted 10 -12 gsm wax coated, not over 0.2mm thick	--	--	Pakistan Metal Industries D-76, Main Avenue, S.I.T.E. Karachi
370	7607.2000	Aluminium Finstock in continuous length for Air Conditioning Industry	Aluminium Foil for Blister & Strip Pakcing for Pharma Industries. Aluminium Foil not exceeding 0.2mm for manufacturing of above products. A. Foil 7-20u sanwich+one side polyester film & other side polyethylene. B. Foil 7-10u other side polyester film with polyester film with polyethylene coatings. C.7-10u foil with 40-50gsm parchment paper/poster paper + LDPE.	--	--	Aluminum Processing Industries Int'l (Pvt) Ltd. D-76, S.I.T.E. Karachi
371	7607.2000	Aluminium Finstock in continuous length for Air Conditioning Industry	Unprinted Aluminium Foil thickness 7-200u, One side for printing, other side heat seal coated, not over 0.2mm thick, not backed	--	--	Pakistan Metal Industries D-76, Main Avenue, S.I.T.E. Karachi
372	7610.1000	Aluminium Rod	9.50 mm ASTM B-233	T/S, Elong, Torsion	Conductivity: 61.4%: Composition: Silicon: 0.1, Iron: 0.4, Copper: 0.05, Manganese: 0.01 Chromium: 0.01, Zinc: 0.05, Boron: 0.05 Gallium: 0.03, Vanadium + Titanium: 0.02 Other Elements: 0.03, Other Elements: 0.01 Aluminum: 99.5	H.M. Esmail & Co. (H.M. Cables) SB-5, Madina City Mall 6th Floor , Abdullah Haroon Road, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
373	7611.0000	Aluminium Tanks	Aluminum Tank for Transportation of Fuel (capacity over 300L)	Truck mounted Al Tank, trailer type and tow bar type Al Tank Rectangular and circular and semi elliptical storage tank. Al refuller and Bowser and mobile dispenser.	--	Metal Engineering Works (Pvt) Ltd. S-4, S.I.T.E., Karachi
374	7612.1000	Collapsible tubular Containers of Aluminum	Dia=12.5 to 45-mm	Aluminum Purity 99.75 %	--	Alucan (Pvt) Ltd. E/12, S.I.T.E. Karachi-75730
375	7614.1000	Conductors (ACSR)	All Types and Sizes	--	--	Universal Cables Industries Ltd . 61-C, Jami Commercial Street # 7, Phase 7, D.H.A., Karachi.
376	7614.1000	Aluminium Stranded Conductor	Steel Re-inforced (All Sizes) ASTM B-232 WAPDA P 50:88	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
377	7614.1000	Aluminum Cables	Cables, Aluminum, with steel core, not electrically	As ASTM	CU 99%	Multicore Cables 136 Abid Chambers Tempal Road Lahore
378	7614.1000	Aluminium Conductor	Steel Reinforce (ACSR). Rabbit-Dog-Gopher-Lynx-Osprey WAPDA P-50-88 Specs.	T/S, Elong, Weight H-12 Strands Aluminium	Zinc coating uniformity, Al purity	H.M. Esmail & Co. (H.M. Cables) SB-5, Madina City Mall 6th Floor , Abdullah Haroon Road, Karachi  Cable & Conductor Ltd. 1st Floor, 41 Civic Centre Barkat Market New Garden Town Lahore
379	7614.9000	Stranded wire and cables of Aluminium	Range of Sizes: 1.5MM <sup>2</sup> to 1000MM <sup>2</sup> Voltage Grade: upto 220 KV BSS-6360, BSS-215	• AAC • ACSR	Aluminium Electrical Grade	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
380	7614.9000	Aluminium Stranded Conductor	(All Sizes) ASTM B-231, as per WAPDA specs. P 63:79	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
381	7614.9000	Aluminum Conductor	Ant-Wasp (AAC) WAPDA P-63-79 Specs.	T/S, Elong, Weight	--	H.M. Esmail & Co. (H.M. Cables) SB-5, Madina City Mall 6th Floor , Abdullah Haroon Road, Karachi
382	7614.9000	Aerial Bundle Cable	35mm <sup>2</sup> - 120mm <sup>2</sup> IEC-60502 NEMA (XLPE & PVC) (ABC)	T/S, Elong, Weight XLPE Aging Test	--	H.M. Esmail & Co. (H.M. Cables) SB-5, Madina City Mall 6th Floor , Abdullah Haroon Road, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
383	7616.9920	Aluminium slugs	Diameter (outside): Range between 10mm upto 120mm Thickness: Range 3mm to 15mm Centre Hole: As per requirement	Soft, annealed and tumbled	Aluminium (Al) minimum 99.7% Iron (Fe) maximum 0.20% Silicon (Si) maximum 0.10%	Alucan (Pvt) Ltd. E/12, S.I.T.E. Karachi-75730
384	7616.9990	Articles of Aluminum Foil	Aluminum Disposable products for Airlines & Fast Food Industries (Kitchen Foil) aluminum Metal 65u to 100u with Food grade Coating. (Not over 0.2mm thickness)	--	--	Aluminum Processing Industries Int'l (Pvt) Ltd. D-76, S.I.T.E. Karachi
385	7616.9990	Aluminum Finstock in continuous length for air conditioning industry	Not exceeding 0.2mm thickness from 0.12mm to 0.20mm both side or one side with CPV Coating hydrophillic corrosion resistant (lacquered Blue, Golden & Silver)	--	--	Aluminum Processing Industries Int'l (Pvt) Ltd. D-76, S.I.T.E. Karachi
386	7901.1100	Zinc Dross	--	--	Fe(t) = 3.38%, Pb 0.41% Al=3.96%, Zn 91.70%	Pakistan Steel Bin Qasim P.O. Box. No.5429 Karachi-75000
387	8202.1000	Hand saws of base metal	Hand saw for wood cutting size 10 " to 36 "	1650 -1850 Nmm <sup>2</sup>	Cr 1 . C .75 % Mn .7 % Cr .35 % si .04 %	Abid Industries CA 318 Goth Shah Beg Gabol Sector 16 B North Karachi
388	8202.3100	Steel Saws	Gang saw for stone cutting/Marble cutting	Tensile Strength 1350-1400 Nmm <sup>2</sup>	Cr 1 , C75 , Mn .7 %Cr .35 % Si .04 %	Abid Industries CA 318 Goth Shah Beg Gabol Sector 16 B North Karachi
389	8202.3900	Steel Saws	Sizes 4 inch to 14 inch	Cr 1 , C 75 , C 60 . High Carbon alloy steel strip , High Carbon steel strip, Carbon steel strip	C 75 % , Si 0.4 , Cr 0.37 Mn 0.70 %	Abid Industries CA 318 Goth Shah Beg Gabol Sector 16 B North Karachi
390	8202.3900	Steel Saws	Circular saw for wood cutting sizes 4 " to 14"	Tensile Strength 1550 - 1750 Kmm <sup>2</sup>	Cr 1 , C .75 % Mn .7 % Cr .38 % Si .04%	Abid Industries CA 318 Goth Shah Beg Gabol Sector 16 B North Karachi
391	8203.2000	Hand Tools	Pliers, hand, base metal 4" to 6"	--	--	Qureshi Industries Street Govt.Primary School GT Road Allahabad. P.O. Nizamabad(52020), Karachi
392	8204.1100	Non-adjustable Spanners	8x10mm, 12x14mm, 16x17mm, 20x22mm, 24x26	--	--	Qureshi Industries Street Govt.Primary School GT Road Allahabad. P.O. Nizamabad(52020), Karachi
393	8205.4000	Hand Tools	Screwdrivers, base metal 2 way 4"	--	--	Qureshi Industries Street Govt.Primary School GT Road Allahabad. P.O. Nizamabad(52020), Karachi
394	8208.2000	Steel Blades	High Carbon Alloy Steel / High Carbon Steel Strip	CR 1 , C60-80 ,1450- 1700 Nmm <sup>2</sup>	--	Abid Industries CA 318 Goth Shah Beg Gabol Sector 16 B North Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
395	8208.2000	Steel Blades	Wood cutting band saw blade size 10 mm -255 mmx0.5mm - 1.5 mm	High carbon alloy steel strip,carbon steel strip T S 1450 - 1700 Nmm <sup>2</sup>	C .75 , si 0.4 cr .35 mn .7 %	Abid Industries CA 318 Goth Shah Beg Gabol Sector 16 B North Karachi
396	8212.1000	Razors, non-electric	Double edge razor blades and plastic bonded disposable razor	--	--	Treet Corporation Limited 72-B, Kot Lakhpat Industrial Area, Lahore
397	8301.3000	Furniture Locks	Chrome plated	--	--	Babar Metal Industries E/34, Estate Avenue, S.I.T.E., Karachi
398	8303.0000	Metal Lockers	CRC sheet 0.5mm to 1.2mm	--	--	Gujrat Steel (Pvt) Ltd. 183 A.M,Shahrah-e-Iraq, Saddar, Karachi
399	8304.0000	Shelvings of base metal	Mobile Shelving (Compressed Filing System), For offices. Shelving for Supermarkets & Stores.	--	--	Gujrat Steel (Pvt) Ltd. 183 A.M,Shahrah-e-Iraq, Saddar, Karachi
400	8304.0000	Sorting Boxes for office use	Box Type Office and Base Metal for any Equipment	Skid mounted box type office, Living carvan, Kitchen, Laboratoires, Skid mounted medical treatment centre, toilets and rest houses etc.	--	Metal Engineering Works (Pvt) Ltd. S-4, S.I.T.E., Karachi
401	8308.2000	Rivets	Aluminum Blind Rivets  Guages : 3.00, 4.20 & 4.80mm Lengths: 5.00 to 25.00mm	Aluminium tubes with steel mandrel.	Al. 98% Si 0.4%, Cu 0.2%, Mn 0.2%, Mg. 0.5 to 1.1%, Cr. 0.1%	Adamjee Engineering (Pvt.) Ltd. Plot No. 1 & 16, Sector 20, Korangi Industrial Area Karachi
402	8309.9000	Threaded Bungs and bung-covers	2", 3/4" British Standard	--	--	Babar Metal Industries E/34, Estate Avenue, S.I.T.E., Karachi
403	8311.1000	Metal Electrodes	ASTM, JIS All International Spec	--	--	Chaudhri Electrode Industries (Pvt) Ltd. 29 Km Lahore Sheikupura Road Lahore
404	8402.1000	Boiler Feed Water Heaters	For upto 350 MW Boilers ASME Sec. 1	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
405	8402.1000	Boiler Superheaters	For upto 350 MW Boilers ASME Sec. 1	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
406	8402.1000	Boiler Economizers	For upto 350 MW Boilers ASME Sec. 1	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
407	8402.1000	Boiler De-aerators	For upto 350 MW Boilers ASME Sec. 1	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e- Jami, DHA, Karachi
408	8402.1110	Water tube boilers	Direct Fired Water Tube Boiler Capacity up to 350 TPH & 150 Kg/cm <sup>2</sup>	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
409	8402.1110	Oil/gas/bagasse fired water tube boiler	Oil/gas/bagasse fired water tube boiler upto 200 ton/hr capacity and 87 bar pressure	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
410	8402.1110	Packaged type boilers	upto 25 T/hr steam & pressure upto 24 Kg/Cm <sup>2</sup> ,	--	--	Haseeb Waqas Engineering Ltd. 103, B/1, M.M. Alam Road Gulberg.III Lahore  Brothers Engineering Ltd. Lahore 135-Upper Mall, Lahore.
411	8402.1120	Waste Heat Recovery Boiler	Waste Heat Recovery Boiler (WHRB) capacity up to 350 TPH & 150 Kg/cm <sup>2</sup>	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000  Haseeb Waqas Engineering Ltd. 103, B/1, M.M. Alam Road Gulberg.III Lahore  Brothers Engineering Ltd. Lahore 135-Upper Mall, Lahore.  Heavy Mechanical Complex (Pvt) Ltd. Taxila
412	8402.1130	Heat Recovery Steam Generators	Heat Recovery Steam Generators (HRSG) 200 MW, water tube type. Single or multiple unit, behind all types of Gas Turbines, Diesel and Gas Engines	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
413	8402.1190	Boilers, steam generating, watertube type	Upto 65 ton/hr, 40 kg/cm <sup>2</sup> ASME Sec. 1	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e- Jami, DHA, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
414	8402.1190	Boilers, steam generating, watertube type	UPTO 290 TPH, 136 Barg, 535°C	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
415	8402.1190	Boilers, steam generating, watertube type	Package Type Fire Tube Boilers, upto 30T/PH Capacity & pressure upto 24to50kg/cm2 inclusive of Parts & equipments	--	--	DDFC (Pvt) Ltd. 73-G/II, Model Town, Lahore
416	8402.1190	Boilers, steam generating, watertube type	Waste Heat Recovery Boilers, 1.5 to 50T/PH Capacity & pressure upto 6 bar to 50kg/cm2 inclusive of Parts & equipments	--	--	DDFC (Pvt) Ltd. 73-G/II, Model Town, Lahore
417	8402.1190	Boilers, steam generating, watertube type	50-100 TPH, 50-100 Bar	--	--	Gresham's Eastern (Pvt) Limited F-302, S.I.T.E, Karachi
418	8402.1190	Thermal power plants	Thermal power plants upto 360MW	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
419	8402.1200	Boilers, steam generating, water tube type	Upto 65 ton/hr, 40 kg/cm <sup>2</sup> ASME Sec. 1	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
420	8402.1200	Boilers, steam generating, watertube type	From 4 HP TO 155 HP, Water tube boilers, 120,000 BTUS/HR to 5,200,000 BTUS/HR	External Draft Diverter, heavy duty frame construction to 30 Psi Standard and above as optional, Interior of Heater accessible for service and inspection	--	Industrial & Mechanical Engineers 403, Noor Estate Building Shahrah-e-Faisal Karachi
421	8402.1200	Boilers, steam generating, watertube type	Forced Draft, Water Tube Heater With Natural Gas, 150,000 to 6,500,000 Btuh input	Heavy duty frame construction to 30 Psi and above	--	Industrial & Mechanical Engineers 403, Noor Estate Building Shahrah-e-Faisal Karachi
422	8402.1200	Boilers, steam generating, watertube type	1 TPH ~ 100 TPH 1 BAR ~ 15 BAR ,5-30 TPH, 15 BAR	--	--	Gresham's Eastern (Pvt) Limited F-302, S.I.T.E, Karachi
423	8402.1200	Oil/gas/ fired, water tube, membrane walled boilers	Oil/gas/ fired, water tube, membrane walled boilers upto 45 tons/hr capacity & 64 Kg/cm <sup>2</sup> pressure. Bagasse fired boiler of upto 45 tons/hr & pressure 42 Kg/cm <sup>2</sup>	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
424	8402.1200	Boilers, steam generating, watertube type	Steam Generators from 100 to 1200 Kg/Hr steam output.	--	--	Fabricon (Private) Limited First Floor, Qazi House, ST-5, Block 16, Gulshan-e-Iqbal, Karachi-75300.
425	8402.1910	Fire tube boiler	Upto 25 ton/hr steam and 24 kg/cm <sup>2</sup> pressure.	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
426	8402.1910	Fire tube boiler	Upto 10 ton/ hr capacity, Ø2550mm Design Code/ Standards: ASME Sec. I	--	--	Heavy Mechanical Complex-3 Hattar Road, Taxila
427	8402.1910	Fire Tube Boilers	0.5 to 20 tons /hr steam or hot water as per ASME Codes and customers requirement	--	--	Industrial & Mechanical Engineers 403, Noor Estate Building Shahrah-e- Faisal Karachi
428	8402.1920	Waste heat boilers (WHB's)	ASME Sect. I or VIII 0.2 tons/ hr steam to as required by customers	--	--	Industrial & Mechanical Engineers 403, Noor Estate Building Shahrah-e- Faisal Karachi
429	8402.1990	Boilers, vapour generating, excluding watertube type	Upto 20 ton/hr, 40 kg/cm <sup>2</sup> ASME Sec. 1	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e- Jami, DHA, Karachi
430	8402.1990	Boilers, vapour generating, excluding watertube type	4 Pass , Fire Tube, 250 TO 1000 H.P.	Forced Draft, consisting, Shell, Fire Tubes, Tube Plates, ASME code	--	Industrial & Mechanical Engineers 403, Noor Estate Building Shahrah-e- Faisal Karachi
431	8402.1990	Boilers, hybrid, excluding watertube type	1-15 TPH, 12 Bar, 500 Kg/hr to 1000 KG/hr 2 Bar to 10 Bar	--	--	Gresham's Eastern (Pvt) Limited F-302, S.I.T.E, Karachi
432	8402.2000	Boilers, high pressure	Upto 65 ton/hr, 40 kg/cm <sup>2</sup> ASME Sec. 1	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e- Jami, DHA, Karachi
433	8402.2000	Boilers, high pressure	Upto 290 TPH, 136 barg, 535 C	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
434	8402.2000	Boilers, high pressure	10 TPH-100 TPH 250-550 °C 30~100 Bar	--	--	Gresham's Eastern (Pvt) Limited F-302, S.I.T.E, Karachi
435	8402.2000	Boilers, super-heated water	Upto 65 ton/hr, 40 kg/cm <sup>2</sup> ASME Sec. 1	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e- Jami, DHA, Karachi
436	8402.2000	Boilers, super-heated water	Capacity Up to 350 TPH, 150 BARG (water tube, fire tube, waste heat recovery boiler, heat recovery steam generator)	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
437	8402.2000	Boilers, high pressure	Pressure Range : 1 BAR - 100 BAR Capacity: 1 TPH ~ 100 TPH	--	--	Gresham's Eastern (Pvt) Limited F-302, S.I.T.E, Karachi
438	8402.2000	Boiler Condensers	For upto 350 MW Boilers ASME Sec. 1	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e- Jami, DHA, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
439	8402.9010	Drums for steam boilers	ASME, Corten Steel, Size as per capacity of boiler 3Ft Dia, 15 Ft Thickness - 5mm - 25mm 8" - 16"	--	--	Gresham's Eastern (Pvt) Limited F-302, S.I.T.E, Karachi
440	8402.9010	Boiler Equipment	Drums, Chimneys, Steel Structure, Cuts/ Chutes for upto 350 MW Boilers ASME Sec. 1	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e- Jami, DHA, Karachi
441	8402.9020	Drums for steam boilers	ASME, Corten Steel, Size as per capacity of boiler 3Ft Dia, 15 Ft Thickness - 5mm - 25mm 8" - 16"	--	--	Gresham's Eastern (Pvt) Limited F-302, S.I.T.E, Karachi
442	8402.9090	Parts of boilers	Capacity Up to 350 TPH, 150 BARG (water tube, fire tube, waste heat recovery boiler, heat recovery steam generator)	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
443	8403.1000	Boilers, central heating	Fire Tube, Dry Back, Boilers For Steam and Hot Water, All As Per AMSE Codes. 250 To 1000 H.P. , 3.8 Tons to 15.4 Tons	As per ASME Code	--	Industrial & Mechanical Engineers 403, Noor Estate Building Shahrah-e- Faisal Karachi Haseeb Waqas Engineering Ltd. 103, B/1, M.M. Alam Road Gulberg.III Lahore
444	8404.1000	Super-heaters, steam	For upto 350 MW Boilers ASME Sec. 1	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e- Jami, DHA, Karachi
445	8404.1000	Accumulators, Steam storage	As per requirement	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
446	8404.1000	Collectors for steam boilers	As per requirement	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
447	8404.1000	De-super-heaters for steam or vapour- Generating	As per requirement	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
448	8404.1000	Preheaters, air, for steam or vapour-	As per requirement	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
449	8404.1000	Auxiliary Plant for use with boilers of heading 8402	<ul style="list-style-type: none"> <li>• Economizer</li> <li>• Dearator</li> <li>• Air pre heater</li> <li>• Steam Coil Air Pre Heater</li> <li>• Evaporator</li> <li>• Silencer</li> <li>• Super Heater</li> <li>• Collector /Accumlator for Steam</li> </ul> - Above equipments for water tube, fire tube, waste heat recovery boiler, heat recovery steam generator of capacity Up to 350 TPH, 150 BARG)	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
450	8404.1000	Auxiliary Plants - Economizer	For upto 20 tons steam boiler, as per customers requirement.	--	--	Industrial & Mechanical Engineers 403, Noor Estate Building Shahrah-e-Faisal Karachi
451	8404.1000	Auxiliary Plants - Super Heater	For upto 20 tons steam boiler, as per customers requirement.	--	--	Industrial & Mechanical Engineers 403, Noor Estate Building Shahrah-e-Faisal Karachi
452	8404.1000	Auxiliary Plants - Boiler Feed Water unit	For upto 20 tons steam boiler, as per customers requirement.	--	--	Industrial & Mechanical Engineers 403, Noor Estate Building Shahrah-e-Faisal Karachi
453	8404.2000	Condensers, steam	For upto 350 MW Boilers ASME Sec. 1	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
454	8404.2000	Condensers, mixing, steam	Evaporators, Vapour Cells, Falling Film Evaporators, Vacuum Pans, Vacuum Filters, Pressure Filters, Crystallizers, Heat Exchangers, Gas Scrubbers, Multi Trays Clarifiers, Multi Jet Condensers, Cascade Condensers, Rain & Shower Type Condensers, Fluidized Bed Dryers, Counter Flow Dryers, Rotary Dryers. In accordance to ASME Sec 1, TEMA HEI	1) Evaporators upto 5500 mm dia & 10050 mm length. 2) Shell & Tube Type Pre Condensers upto 1700 mm dia & 6000 mm length. 3) Vertical Condensers upto 2012 mm dia & 6800 mm length. Horizontal Condensers upto 2012 mm dia & 6800 mm length. 4) Shell & Tube type Heat Exchangers upto 1700 mm dia & 5000 mm length. 5) Shell & Tube type evaporators upto 5500 mm dia & 14000 mm length.	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
455	8404.2000	Condensers for steam or other vapour power units	Capacity up to 350 TPH & 150 BARG for (water tube, fire tube, waste heat recovery boiler, heat recovery steam generator)	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
456	8404.2000	Condensers, steam	Steam heating Coils 1HP, 1.5 HP, 2HP, 2.5HP, 3HP, 5HP, 7.5HP, 10HP, 20HP, 30HP, 40HP, 50HP, 60HP and 80HP	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore
457	8404.2000	Condensers, mixing, steam	Chilled Water Coils (Aluminium Fins-Coated & Un-coated) 6HP, 10HP, 12.5HP, 18HP, 25HP, 30HP, 38HP, 50HP, 60HP, 75HP and 100HP Chilled Water Coils (Copper Fins) 10HP, 20HP, 30HP, 40HP, 50HP, 60HP and 80HP Shell & Tube (Condensers/ Evaporators & Chillers) 3HP, 5HP, 7.5HP, 10HP, 15HP, 50HP and 75HP.	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore
458	8408.9000	Diesel Driven Engines	04 Cylinders upto 60HP	--	--	Kir International 8-C Nicholson Road Lahore
459	8410.9010	Parts of Hydraulic turbines, water wheels, and regulators	Parts including regulators i.e. Radial Gates. Draft tube gates, fixed wheel gates, bulk head gates, penstock, draft tube, tail race liners, spirla/ involute turbine casing, head covers, botton rings, trash rack, sill beams, stop logs, wicket gates etc. (For any type and range)	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
460	8410.9090	Regulators for hydraulic turbines and water wheels	Penstocks of upto 10.6M dia x 40mm thickness AISI, BS-7191, BS-5950	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
461	8413.1100	CNG Dispenser	From 0.77kg/mln - 100kg/mln filling rate, L.M.H. Solenoid Block for max flow, Temperature rang 20Degree C to 60 degree C, Coaleasing Fiteres on all three Inlets. Two way Hose on both side with independent filling control and display, Start & final pressure Monitoring, Manual isolation valve, 2390*1000*400 (HWD)	--	--	Tesla Industries Pvt. Ltd. Plot No. 81-F, St. 6, I-10/3 Islamabad
462	8413.3020	Oil Pump Gears	Sizes a) Outter Dia upto 80mm b) Height upto 35mm As per customers requirements.	Hardness of upto 90 HRB. Also includes Grindings & other secondary operations	Iron / Steel.	Adamjee Engineering (Pvt.) Ltd. Plot No. 1 & 16, Sector 20, Korangi Industrial Area Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
463	8413.7010	Centrifugal pumps	Submersible motor sewage disposal pumps with non-clogging impeller.	DN: 100, Q upto 165 cu m/hr, H upto 18 m.	Cast Iron (GG-25),	KSB Pumps Company Limited 16/2, Sir Agha Khan Road, Lahore
464	8413.7010	Centrifugal pumps	Submersible motor water lubricated Vertical bore hole single or multistage pumps	DN: 75-200, Q upto 400 cu m/hr, H upto 305 m.	Cast Iron (GG-25), Bronze (G-CuSn10)	KSB Pumps Company Limited 16/2, Sir Agha Khan Road, Lahore
465	8413.7090	Centrifugal pumps	Horizontal Centrifugal Pump with Non-clogging Impeller (Excluding API 610 and NACE MR 0175 compliance)	DN: 65-300 Q: up to 1900 cumtr/hr H: 120 mtr	Cast Iron (GG-25), Bronze (G-CuSn10), Ni-Resist D-2 and Stainless Steel (1.4408)	KSB Pumps Company Limited 16/2, Sir Agha Khan Road, Lahore
466	8413.7090	Centrifugal pumps	Single Stage, Axially Split Volute Casing Pump with Double Flow Impeller (Excluding Jet Pumps and downhole positive displacement pumps for artificial lift from Oil Wells Along with spares)	DN: 200-350 Q: 2900 cumtr/hr H: 100 mtr	Cast Iron (GG-25)	KSB Pumps Company Limited 16/2, Sir Agha Khan Road, Lahore
467	8413.7090	Centrifugal pumps	High Pressure Multi-stage pump in ring-section design	DN: 65-125 Q: 370 cumtr/hr H: 600 mtr (max pressure 63 Bars)	Cast Iron (GG-25), Cast Steel (GS-C25N)	KSB Pumps Company Limited 16/2, Sir Agha Khan Road, Lahore
468	8413.7090	Centrifugal pumps	Vertical single stage sewage and effluent disposal pumps in wet and dry pits design with non-clogging impeller.	DN: 65-350, Q upto 2700 cu m/hr, H upto 85 m.	Cast Iron (GG-25), Bronze (G-CuSn10) Wear Resist Nickel Cast Iron (ERN) Austenitic NiCrMo Stainless Steel(1.4408) Creep Resist Ferritic Cast Steel	KSB Pumps Company Limited 16/2, Sir Agha Khan Road, Lahore
469	8413.7090	Centrifugal pumps	Vertical line shaft bore hole single or multistage pump (Excluding jet pumps and down hole positive displacement pumps artificial lift from oil wells along with spares)	DN: 80-500, Q upto 2600 cu m/hr, H upto 250 m.	Cast Iron (GG-25), Bronze (G-CuSn10) Ni-Resist D2 (ERN)	KSB Pumps Company Limited 16/2, Sir Agha Khan Road, Lahore
470	8413.7090	Centrifugal pumps	Tubular Casing pumps	DN: 350-700, Q upto 9000 cu m/hr, H upto 50 m.	Cast Iron (GG-25), Ni-Resist D2	KSB Pumps Company Limited 16/2, Sir Agha Khan Road, Lahore
471	8413.7090	Centrifugal pumps	Multistage Vertical/ Horizontal High Pressure Centrifugal Pump (CR)	DN 25-125. Q: up to 120 m <sup>3</sup> /h, H: 320 m	Cast Iron (CG-25), Stainless Steel DIN W.-Nr. (1.4301), AISI (304), Temp: 120 C°	HMA Pumps (Pvt) Ltd. B-12, 2nd Floor, Sultan Centre, 11 - West Wharf Road Karachi
472	8413.7090	Centrifugal pumps	Booster Pumping Station	DN 25-125. Q: up to 420 m <sup>3</sup> /h, H: 200 m	Cast Iron (CG-25), Stainless Steel DIN W.-Nr. (1.4301), AISI (304), Temp: 120 C°	HMA Pumps (Pvt) Ltd. B-12, 2nd Floor, Sultan Centre, 11 - West Wharf Road Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
473	8413.7090	Centrifugal pumps	Deep Well Turbine Pumps (BP)	DN 75-150. Q: up to 5-280 m <sup>3</sup> /h,H: 200 m	Cast Iron ( CG-25), Stainless Steel DIN W.-Nr. (1.4301),AISI (304/316),Temp: 120 C°	HMA Pumps (Pvt) Ltd. B-12 , 2nd Floor , Sultan Centre , 11 - West Wharf Road Karachi
474	8413.7090	Centrifugal pumps	Bore Hole Submersible Pump (SP)	DN 25-125. Q: up to 280 m <sup>3</sup> /h,H: 600 m	Stainless Steel DIN W.-Nr. (1.4301),AISI (304),Temp: 120 C°	HMA Pumps (Pvt) Ltd. B-12 , 2nd Floor , Sultan Centre , 11 - West Wharf Road Karachi
475	8413.7090	Centrifugal pumps	End Suction Single Stage Centrifugal Pump (NB/NP)	DN 32-200. Q: up to 450 m <sup>3</sup> /h,H: 120 m	Pump Housing Cast Iron (EN-GJL-250),Impeller Cast Iron / Bronze (EN-GJL-250/ CuSn10),Temp: 120 C°	HMA Pumps (Pvt) Ltd. B-12 , 2nd Floor , Sultan Centre , 11 - West Wharf Road Karachi
476	8413.8190	Pumps	RPK Type in accordance with API 610 . (Excluding Jet Pumps and downhole positive displacement pumps for artificial lift from Oil Wells Alongwith spares)	DN: 80-100 Q: up to 270 cumetre/hr H: up to 58 m RPM: up to 2900	Available in Cast Steel (GS-C25N) and Stainless -Steel (1.4408) in accordance with API 610 Material Combinations	KSB Pumps Company Limited 16/2, Sir Agha Khan Road, Lahore
477	8414.2000	Double Acting Semi-Rotatory and Wing Pumps	Used for clear, light liquids, petrol, diesel, edible oils, Can also be used with Hot Liquids upto 80 Degree C. Material Bonze and Iron.	--	--	Tesla Industries Pvt. Ltd. Plot No. 81-F, St. 6, I-10/3 Islamabad
478	8414.5110	Ceiling Fans	80-88 Volts, not over 125 W	Grade - A	--	Metro Hi-Tech (Pvt.) Ltd., G.T. Road, Gujrat
479	8414.5110	Ceiling Fans	Size: 56", Volts: 220/230, RPM: 315, Cycle: 50, Type: Capacitor, Watts: 70, Air Dislacement cu.ft. /min: 12000, Service Value: 170 Size: 48", Volts: 220/230, RPM: 330, Cycle: 50, Type: Capacitor, Watts: 62, Air Dislacement cu.ft. /min: 8500, Service Value: 140 Size: 36", Volts: 220/230, RPM: 400, Cycle: 50, Type: Capacitor, Watts: 55, Air Dislacement cu.ft. /min: 6500, Service Value: 130	--	--	Wahid Industries Ltd. G. T. Road, Gujrat

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
480	8414.5110	Other Fans	Table Fans, Industrial Fans	--	--	Super Asia Group of Companies Near Lahori Octori, G. T Road Gujranwala  Younis Metal Works,(Pvt) Ltd. (Yunas Fan) Yunas Colony, G. T Road Gujrat  CECO Electrical Industries G.T Road Gujrat
481	8414.5120	Pedestal Fan	Size: 20", Volts: 220/230, RPM: 1300, Cycle: 50, Type: Capacitor, Watts: 75, Air Dislacement cu.ft. /min: 3500, Service Value: 46 Size: 22", Volts: 220/230, RPM: 1250, Cycle: 50, Type: Capacitor, Watts: 80, Air Dislacement cu.ft. /min: 5000, Service Value: 50 Size: 24", Volts: 220/230, RPM: 1250, Cycle: 50, Type: Capacitor, Watts: 110, Air Dislacement cu.ft. /min: 6000, Service Value: 48 Size: 26", Volts: 220/230, RPM: 950, Cycle: 50, Type: Capacitor, Watts: 110, Air Dislacement cu.ft. /min: 6000, Service Value: 46	--	--	Wahid Industries Ltd. G. T. Road, Gujrat  Super Asia Group of Companies Near Lahori Octori, G. T Road Gujranwala  Younis Metal Works,(Pvt) Ltd. (Yunas Fan) Yunas Colony, G. T Road Gujrat  CECO Electrical Industries G.T Road Gujrat
482	8414.5130	Table Fans	1400mm Size = 56" Volts = 220v RPM=325 Cycles = 50 Type= Capacitor Watts = 80 Air Displacement Cft/Min = 8825 Service Value = 110.31	--	--	General Fan Company (Pvt) Ltd. G.T. Road, Gujrat
483	8414.5130	Table Fans	Size: 16", Volts: 220/230, RPM: 1350, Cycle: 50, Type: Capacitor, Watts: 55, Air Dislacement cu.ft. /min: 2500, Service Value: 45 Size: 18", Volts: 220/230, RPM: 1350, Cycle: 50, Type: Capacitor, Watts: 65, Air Dislacement cu.ft. /min: 3000, Service Value: 46	--	--	Wahid Industries Ltd. G. T. Road, Gujrat

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
484	8414.5140	Exhaust Fans	Size: 8", Volts: 220/230, RPM: 1400, Cycle: 50, Type: Capacitor, Watts: 30, Air Displacement cu.ft. /min: 800, Service Value: 27 Size: 10", Volts: 220/230, RPM: 1400, Cycle: 50, Type: Capacitor, Watts: 35, Air Displacement cu.ft. /min: 1000, Service Value: 29 Size: 12", Volts: 220/230, RPM: 14000, Cycle: 50, Type: Capacitor, Watts: 50, Air Displacement cu.ft. /min: 1500, Service Value: 30 Size: 16", Volts: 220/230, RPM: 950, Cycle: 50, Type: Capacitor, Watts: 85, Air Displacement cu.ft. /min: 2500, Service Value: 38 Size: 18", Volts: 220/230, RPM: 950, Cycle: 50, Type: Capacitor, Watts: 85, Air Displacement cu.ft. /min: 3000, Service Value: 40 Size: 24", Volts: 220/230, RPM: 900, Cycle: 50, Type: Capacitor, Watts: 140, Air Displacement cu.ft. /min: 6000, Service Value: 43	--	--	Wahid Industries Ltd. G. T. Road, Gujrat
485	8414.5190	Box Fans	1400mm Size = 56" RPM = 325 Cycles = 50 Type = Capacitor Watts = 80 Air Displacement CFT/Min = 8825 Service Value = 110.31	--	--	General Fan Company (Pvt) Ltd. G.T. Road, Gujrat
486	8414.5190	Other (Fans)	Bracket Fan: Size: 16", Volts: 220/230, RPM: 1350, Cycle: 50, Type: Capacitor, Watts: 50, Air Displacement cu.ft. /min: 2500, Service Value: 45 Size: 18", Volts: 220/230, RPM: 1300, Cycle: 50, Type: Capacitor, Watts: 65, Air Displacement cu.ft. /min: 3000, Service Value: 46 Plastic Louver Fan: Size: 14", Volts: 220/230, RPM: 1350, Cycle: 50, Type: Capacitor, Watts: 55, Air Displacement cu.ft. /min: 2000, Service Value: 36	--	--	Wahid Industries Ltd. G. T. Road, Gujrat
487	8414.5190	Industrial fans	Industrial fans of rotor diameter upto 1.6 meter	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
488	8414.5190	Industrial Fans	Type: Axial and Centrifugal Types of Centrifugal Fans: Backward, Forward, Radial Air Flow Rate Range: 1000 to 500,000 CFM Static Pressure Range: 0.1 to 150 inch of WG	Material: Aluminum, Stainless Steel, FRP	--	Jalal Engineering B-425, Block 13, F.B. Area, Karachi – 75900
489	8414.8030	CNG Compressor	400m <sup>3</sup> /hr @15 psig Inlet, output pressure: 36psig, output flow range:100scfm to 350 scfm, Electrical supply: 400 volts 3phase, Microprocessor controlled, Hydraulic compression with lowest vibration and noise. Maximum operating speed: 40rpm. 3 hydraulic stages, 12 inch, 9 inch, 8 inch diametric gas Cylinders,with 12 inch, 12 inch and 48 inch stroke respectively, solid Stainless steel Poppet.	--	--	Tesla Industries Pvt. Ltd. Plot No. 81-F, St. 6, I-10/3 Islamabad
490	8414.8190	Pumps	Horizontal Volute Casing end Suction pump with Radial Vane Impeller (Excluding API 610 and NACE MR 0175 compliance)	DN: 40-150,300 Q: up to 450 cumtr/hr, 1850 cumtr/hr H: 94 m	Cast Iron (GG-25), Bronze (G-CuSn10) and Stainless Steel (1.4408)	KSB Pumps Company Limited 16/2, Sir Agha Khan Road, Lahore
491	8415.1010	Air-conditioners, self-contained, wall type	12000BTU to 60000-BTU	Split Type	--	Cool Industries (Pvt) Limited 9th KM Multan Road Hanjarwal Lahore
492	8415.1010	Air Conditioners:	Window or wall type	--	--	Pakistan Electron Limited (PEL) 14-Kilometer, Ferozepur Road Lahore
493	8415.1020	Air Conditioners:	Self contained or split type comprising of inner and outer unit 48,000 to 240,000 BTU/hr	--	--	Habibullah Industries (Pvt)Ltd, 3rd Floor,Progressive Plaza, Beamount Road,Civil Lines Karachi  Pakistan Electron Limited (PEL) 14-Kilometer, Ferozepur Road Lahore
494	8415.1020	Air-conditioners, self-contained, wall type	Split Type 12000BTU to 60000-BTU	--	--	Cool Industries (Pvt) Limited 9th KM Multan Road Hanjarwal Lahore
495	8415.1010 8415.1090	Air-conditioners, self-contained, wall type	9000 BTU, 12000 BTU, 18000 BTU, 24000 BTU along with commercial HVAC equipment upto 60000 BTU	--	--	Cool Point Adda Plot, Sharaiz Avenue Jatti Umra Road Raiwind Road
496	8415.8100	Air Conditioners	Wall/floor/ceiling/cassette type etc.( 9,000 to 30,000 Btu/hr)	--	--	S.a Brothers (Pvt) Ltd. (Sabro) 77-78 Industrial Area Sector I-9 Islamabad
497	8415.8100	Air Cooled Self contained Air Conditioners;	39,000 to 471,000 Btu/hr	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
498	8415.8100	Trolley mounted self contained units	50,400 to 600,000 Btu/hr	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad
499	8415.8100	Air Cooled Split Type, Em Series (Cooling/Heating)	49,200 / 49,500 Btu/hr	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad
500	8415.8100	Water Cooled Packaged Air Conditioners;	45,000 to 498,000 Btu/hr	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad
501	8415.8100	Air Cooled Packaged Water Chillers;	34,800 to 1944,000 Btu/hr	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad
502	8415.8100	Water Cooled Packaged Water Chillers	40,200 to 2180,400 Btu/hr	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad
503	8415.8200	Fan coil units	Other, incorporating a refrigerating unit. Fan Coil Units Ceiling Suspended ducted type, Fan Coil Units with Sheet Metal Body Industrial type. Computer Room Airconditioners 48,000 to 240000 BTU's /HR.with Humidifiers & Electric Heater.	--	--	Habibullah Industries (Pvt)Ltd, 3rd Floor,Progressive Plaza, Beamount Road,Civil Lines Karachi  Pakistan Electron Limited (PEL) 14-Kilometer, Ferozepur Road Lahore
504	8415.8300	Air Handling Units	1500 to 50,000 cfm  - Horizontal draw through - Vertical draw through - Multi Zone blow through - Single Zone blow through - Double Skin	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad  Habibullah Industries (pvt) Ltd. 3rd Floor, Progressive Plaza, Beaumont Road, Civil Lines, Karachi
505	8415.8300	Air Curtains	680 to 1355 cfm	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad
506	8415.8300	Fan Coil Units	300 to 1600 cfm	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad
507	8415.8300	Exhaust / vent Fans (Various Types);	300 to 129,000 cfm	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad
508	8415.8300	Cooling & Heating Coils	Custom Made	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
509	8415.8300	Electric Steam Humidifiers;	Steam output: (3.0 & 6.0 kg/Hr)	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad
510	8415.8300	Dehumidifiers	De-humidifying capacity: (50L/day to 120L/day)	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad
511	8415.8300	Hot Water Generators (Gas Fired);	Heating capacity: 35,000 to 360,000	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad
512	8415.8300	Cold Storage Units	up to (-4°C) temp.	--	--	Sabro Technologies (Pvt) Ltd. Plot No. 270, Industrial Triangle Kahuta Road Islamabad
513	8415.6000 8415.8990	Air handling/ Humidification / Filtration Plant	All Types and Sizes  Made up of G.I. sheets, M.S. Sheets, Angle Irons & Al Sheets etc.	For Textile Mills (Spinning, weaving, Knitting) Power Plants, Tobacco Factories, Paper Plants etc. etc.	--	Manstock Engineering Company (Pvt) Ltd. 11/A (Commercial), 2nd Floor, Sector XX, Kh.-e-Iqbal, Phase-3, Lahore Cantt.
514	8415.9010	Evaporators, refrigerating	Evaporators (for Air Conditioners) 1HP (old model), 1HP (new model), 1.5HP (old model), 1.5HP (new model), 2HP, 2.5HP, 3HP, 5HP, 7.5HP, 10HP, 15HP, 20HP, 30HP, 40HP, 60HP, 80HP and 120HP.	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore
515	8415.9019	Air Conditioners:	- Packaged Type 02-60 HP - Split Type ES Series 0.75 Ton to 2.5 Ton - EQ Series LCD Display 1.0 Ton to 1.25 Ton - Window type A/C 1.5 Ton to 2.5 Ton - Air cooled self contained 4-30 Tons - Air Cooled split packaged 4-30 Tons - A/Cs with ducted and vertical Cabinet Ttype evaporators - EM Series floor standing plastic body 1.5 - 4.25 Tons - Cassette type EY series 1.5 - 6.0 Tons - Water / air cooled packaged type A/Cs 4-42 Tons	--	--	Habibullah Industries (Pvt)Ltd, 3rd Floor,Progressive Plaza, Beaumont Road,Civil Lines Karachi  Pakistan Electron Limited (PEL) 14-Kilometer, Ferozepur Road Lahore
516	8415.9020	Condensers for Air- conditioners, Deep Freezers & Water Coolers	Condensers (Air-conditioners) (Coated & Uncoated) 1HP (old model), 1HP (new model), 1.5HP (old model), 1.5HP (new model), 2HP, 2.5HP, 3HP, 5HP, 7.5HP, 10HP, 15HP, 20HP, 30HP, 40HP, 60HP, 80HP and 120HP. Condensers (For Deep Freezers & Visi Coolers) 1/5HP, 1/4HP, 1/3HP and 1/2HP	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
517	8415.9020	Condensers, refrigerating	Condensers for Refrigerators (Sheet on Tube) 1/16HP, 1/12HP, 1/10HP, 1/8HP, 1/6HP, 1/5HP, 1/4HP and 1/3HP. Condensers for Refrigerators (Wire on Tube) 1/12HP, 1/10HP, 1/8HP, 1/6HP, 1/5HP, 1/4HP and 1/3HP. Bunch Condensers for Deep freezers & Water Coolers (Wire on Tube) 1/2HP - 8 Row, 1/3HP - 6 Row, 1/4HP - 4 Row 1/5HP - 4 Row, 1/6HP - 3 Row, 1/8HP - 2 Row	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore
518	8415.9029	Air Conditioners:	- Packaged Type 02-60 HP - Split Type ES Series 0.75 Ton to 2.5 Ton - EQ Series LCD Display 1.0 Ton to 1.25 Ton - Window type A/C 1.5 Ton to 2.5 Ton - Air cooled self contained 4-30 Tons - Air Cooled split packaged 4-30 Tons - A/Cs with ducted and vertical Cabinet - Ttype evaporators - EM Series floor standing plastic body 1.5 - 4.25 Tons - Cassette type EY series 1.5 - 6.0 Tons - Water / air cooled packaged type A/Cs 4-42 Tons	--	--	Habibullah Industries (Pvt)Ltd, 3rd Floor, Progressive Plaza, Beamount Road, Civil Lines Karachi  Pakistan Electron Limited (PEL) 14-Kilometer, Ferozepur Road Lahore
519	8417.1010	Kilns, non-electric	Kiln upto 5000 mm dia x 65 mm thickness Capacity upto 4,000 TPD Cement Plants "HEI" (Heat Exchange Institute)	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
520	8417.1010	Kilns, non-electric	As per requirement	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
521	8417.1010	Kilns, non-electric	As per fabrication drawings and Client's requirement.	Rotary Kilns upto 556 Tons weight for Cement Plants.	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
522	8417.1010	Kilns for cement plants	Kilns for cement plants of all capacities	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
523	8417.1090	Furnaces, Industrial , non-electric,	Heaters/Furnaces for Refineries and Fertilizer Plants upto 100,000 bpd & 970 tpd respectively "HEI" (Heat Exchange Institute)	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
524	8418.1000	Refrigeration/ freezing/air conditioning machines;	Combined refrigerator-freezers, fitted with separate external doors	--	--	Pakistan Electron Limited (PEL) 14-Kilometer, Ferozepur Road Lahore
525	8418.2100	Refrigeration/ freezing/air conditioning machines;	Refrigerators, House hold type (Compression type)	--	--	Pakistan Electron Limited (PEL) 14-Kilometer, Ferozepur Road Lahore
526	8418.2100	Refrigerators, compression-type, electrical, domestic	Combined refrigerator-freezers, fitted with separate external doors	--	--	Cool Industries (Pvt) Limited 9th KM Multan Road Hanjarwal Lahore
527	8418.2900	Refrigeration/ freezing/air conditioning machines;	-Refrigerators (direct cool/no-frost) -Deep Freezers, -Triplet Freezers -Bottle coolers	--	--	Pakistan Electron Limited (PEL) 14-Kilometer, Ferozepur Road Lahore
528	8418.3000	Refrigeration/ freezing/air conditioning machines;	Freezers of the chest type, not exceeding 800 l capacity	--	--	Pakistan Electron Limited (PEL) 14-Kilometer, Ferozepur Road Lahore  Cool Industries (Pvt) Limited 9th KM Multan Road Hanjarwal Lahore
529	8418.4000	Refrigeration/ freezing/air conditioning machines;	Freezers of the upright type, not exceeding 900 l capacity	--	--	Pakistan Electron Limited (PEL) 14-Kilometer, Ferozepur Road Lahore
530	8418.5000	Refrigeration/ freezing/air conditioning machines;	Other furniture (chests, cabinets, display counters, show-cases and the like) for storage and display, incorporating refrigerating or freezing equipment.	--	--	Pakistan Electron Limited (PEL) 14-Kilometer, Ferozepur Road Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
531	8418.6900	Condensers for Air-conditioners, Deep Freezers & Water Coolers	Condensers (Air-conditioners) (Coated & Uncoated) 1HP (old model), 1HP (new model), 1.5HP (old model), 1.5HP (new model), 2HP, 2.5HP, 3HP, 5HP, 7.5HP, 10HP, 15HP, 20HP, 30HP, 40HP, 60HP, 80HP and 120HP. Condensers (For Deep Freezers & Visi Coolers) 1/5HP, 1/4HP, 1/3HP and 1/2HP	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore
532	8418.6900	Condensers, refrigerating	Condensers for Refrigerators (Sheet on Tube) 1/16HP, 1/12HP, 1/10HP, 1/8HP, 1/6HP, 1/5HP, 1/4HP and 1/3HP. Condensers for Refrigerators (Wire on Tube) 1/12HP, 1/10HP, 1/8HP, 1/6HP, 1/5HP, 1/4HP and 1/3HP. Bunch Condensers for Deep freezers & Water Coolers (Wire on Tube) 1/2HP - 8 Row, 1/3HP - 6 Row, 1/4HP - 4 Row 1/5HP - 4 Row, 1/6HP - 3 Row, 1/8HP - 2 Row	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore
533	8418.6910	Milk Cooling Tanks	Milk chillers, direct expansion and ice bank type, capacities : uptill 3400 liters , manufactured under license from "packo Ino-x-belgium"	--	--	Unitech International (Pvt.) Ltd. Plot # 09, Holiday Park, Musharafabad , Raiwind Road, Lahore.
534	8418.6990	Coolers, refrigerating , for liquids	Condensers (for Water Coolers) 1/6HP, 1/5HP, 1/4HP, 1/3HP, 1/2HP, 3/4HP, 1HP, 1HP (with Fan Cover), 1.5HP, 1.5HP (with Fan Cover), 2HP, 3HP and 5 HP	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore
535	8418.6990	Refrigerated containers/Cold Rooms/Walk ins	Refrigerated Containers suitable for mounting on locally manufactured vehicles/chasis. Cold Rooms, Walk ins	--	--	Kold Kraft (Pvt) Ltd, 247/S, Industrial Estate Kot Lakhpat, Lahore
536	8418.9000	Condensers for Air-conditioners, Deep Freezers & Water Coolers	Condensers (Air-conditioners) (Coated & Uncoated) 1HP (old model), 1HP (new model), 1.5HP (old model), 1.5HP (new model), 2HP, 2.5HP, 3HP, 5HP, 7.5HP, 10HP, 15HP, 20HP, 30HP, 40HP, 60HP, 80HP and 120HP. Condensers (For Deep Freezers & Visi Coolers) 1/5HP, 1/4HP, 1/3HP and 1/2HP	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
537	8418.9000	Condensers, refrigerating	Condensers for Refrigerators (Sheet on Tube) 1/16HP, 1/12HP, 1/10HP, 1/8HP, 1/6HP, 1/5HP, 1/4HP and 1/3HP. Condensers for Refrigerators (Wire on Tube) 1/12HP, 1/10HP, 1/8HP, 1/6HP, 1/5HP, 1/4HP and 1/3HP. Bunch Condensers for Deep freezers & Water Coolers (Wire on Tube) 1/2HP - 8 Row, 1/3HP - 6 Row, 1/4HP - 4 Row 1/5HP - 4 Row, 1/6HP - 3 Row, 1/8HP - 2 Row	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore
538	8418.9910	Evaporators, refrigerating	Evaporators (for Air Conditioners) 1HP (old model), 1HP (new model), 1.5HP (old model), 1.5HP (new model), 2HP, 2.5HP, 3HP, 5HP, 7.5HP, 10HP, 15HP, 20HP, 30HP, 40HP, 60HP, 80HP and 120HP.	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore
539	8418.9920	Condensers for Air-conditioners, Deep Freezers & Water Coolers	Condensers (Air-conditioners) (Coated & Uncoated) 1HP (old model), 1HP (new model), 1.5HP (old model), 1.5HP (new model), 2HP, 2.5HP, 3HP, 5HP, 7.5HP, 10HP, 15HP, 20HP, 30HP, 40HP, 60HP, 80HP and 120HP. Condensers (For Deep Freezers & Visi Coolers) 1/5HP, 1/4HP, 1/3HP and 1/2HP	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore
540	8418.9920	Condensers, refrigerating	Condensers for Refrigerators (Sheet on Tube) 1/16HP, 1/12HP, 1/10HP, 1/8HP, 1/6HP, 1/5HP, 1/4HP and 1/3HP. Condensers for Refrigerators (Wire on Tube) 1/12HP, 1/10HP, 1/8HP, 1/6HP, 1/5HP, 1/4HP and 1/3HP. Bunch Condensers for Deep freezers & Water Coolers (Wire on Tube) 1/2HP - 8 Row, 1/3HP - 6 Row, 1/4HP - 4 Row 1/5HP - 4 Row, 1/6HP - 3 Row, 1/8HP - 2 Row	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
541	8418.9990	Condensers, refrigerating	Condensers for Refrigerators (Sheet on Tube) 1/16HP, 1/12HP, 1/10HP, 1/8HP, 1/6HP, 1/5HP, 1/4HP and 1/3HP. Condensers for Refrigerators (Wire on Tube) 1/12HP, 1/10HP, 1/8HP, 1/6HP, 1/5HP, 1/4HP and 1/3HP. Bunch Condensers for Deep freezers & Water Coolers (Wire on Tube) 1/2HP - 8 Row, 1/3HP - 6 Row, 1/4HP - 4 Row 1/5HP - 4 Row, 1/6HP - 3 Row, 1/8HP - 2 Row	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore
542	8419.3900	Dryer	All Types and Sizes	--	--	The Star Mughal Industries (Pvt) Ltd. Sharifpura, G.T. Road Gujranwala
543	8419.4000	Crude Oil Distillation Towers/Columns	For Refineries of upto 100,000 bpd and for Chemical, Petrochemical & Fertilizer Plants. Diameter x Height x Wall Thickness of Towers/Columns range from 1500-3500 mm x 10000mm - 35000mm x 10-50mm. ASME Sec. VIII Div. 1 & 2	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
544	8419.4000	Complete Ethanol Plants	Low carbon stainless steel, consisting of Distillation Columns, Shell and Tube Type Heat Exchangers, Fermentation tanks, Plant piping, Molasses Storage tanks, Bio Gas reactors and other large and small tanks. We also do complete erecting and installation of these plants. In accordance to ASME/ANSI 31.3, API 650, API 620, CODAP, TEMA type B&C	Each Ethanol plant comprises of the following: 1) 10 nos of Distillation columns with diameter ranges from 300 mm to 2300 mm and length of upto 47000mm. 2) 13 nos of shell and tube type heat exchangers with dia 400 mm to 2450 mm. 3) 22 nos of tanks with dia 2200 mm to 6000 mm. All equipments are made from SS316L and SS304L	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
545	8419.4000	Plant, distilling, Industrial	As per fabrication drawings and Client's requirement. In accordance to ASME Sec VIII, Div 1 & 2.	--	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
546	8419.4000	Evaporators	For sugar mills Up to 1250 Tons per hours	--	--	The Star Mughal Industries (Pvt) Ltd. Sharifpura, G.T. Road Gujranwala

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
547	8419.4000	Distilling or rectifying plant	Refinery/ Oil & Gas Distillation Towers Type = Atmospheric Pressure, Pressure and Vacuum Type Distillation Towers Pressure range = Full Vacuum to 1500 PSI Temperature Range = -100 F to 600 F Material used = Carbon Steel, Normalized Carbon Steel, Stainless Steel and Alloy Steel Maximum Length = 40000mm & Max. dia = 3400mm Wall thickness = 5mm thk to 50.8mm thk	--	--	Petrosin Ravi Industries Ltd. Shahra-i-Pakistan Kala Shah Kakoo G.T Road Lahore
548	8419.5000	Heat Exchangers	Shell & Tube Type (as per TEMA standard for oil /gas processing, chemical & fertilizer plants) Range upto 2500psi	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
549	8419.5000	Heat exchange units, Industrial	Shell & Tube Type of Carbon, Alloy & Stainless Steel. Fixed & Floating Tube sheets with straight & U-Tubes. Air Cooled with Finned Tubes of Carbon, Alloy & Non-Ferrous Materials ASME Sec. VIII Div. 1 & 2, TEMA, HEI, API-660, API-661, ANSI B-78.1, ANSI B-78.2	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
550	8419.5000	Heat exchangers	Type: U-Tube, Fixed, Floating, Horizontal & Vertical Size: Dish Head (2:1 tori-spherical Ø6m x 30mm thick in CS and 20mm thick in S. Steel. Desing Code/ Standards: ASME Sec. VIII-1-2, 3 TEMA-RCB	--	--	Heavy Mechanical Complex-3 Hattar Road, Taxila

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
551	8419.5000	Heat exchange units, Industrial	<p>For following plants: 1. Ethanol Plant 2. Urea Formaldehyde Plants 3. Cement Industries 4. Sugar Industries 5. Oil Refineries 6. Bio Gas Plants 7. Water treatment Plants 8. Soap &amp; Detergents Plant 9. Food, Drugs and Cosmetics Industries 10. Chipboard and Medium Density Fiber Board Plants 11. Environmental and Effluent Treatment Plant 12. Other process and manufacturing industries In Accordance to ASME Sec VIII Div 1 &amp; 2, TEMA, HEI, HITI</p> <p>Plant, machinery and equipment for Sugar, Fertilizer, Chemical, Petro-Chemical, oil and gas projects &amp; Refinery; a) Cascade and barometric type evaporation units , crystallizer, condenser for sugar remelter, sulphitator, dryer, coolers, air heaters, grates and combination grates ; b) Pressure vessels Cylindrical upto 250 mm &amp; spherical upto 30 mm plate thickness c) Columns (stripper, absorption, distillation, dehydration, d) Reactors e) Tanks, mixers, agitator tanks f) Economizers g) Bulk storage tanks h) Deaeration equipment &amp; de-gassifiers i) Furnaces/fired heater j) Cyclone scrubbers &amp; dust collectors k) Rotary</p>	<p>1) Air Cooled Cross Flow Heat Exchangers upto 45 Bars and Tube specifications as 9377 mm length, 2668 mm width &amp; 972 mm height. 2) Shell &amp; Tube Type Pre Condensers upto 1700 mm dia &amp; 6000 mm length. 3) Vertical Condensers upto 2012 mm dia &amp; 6800 mm length. 4) Horizontal Condensers upto 2012 mm dia &amp; 6800 mm length. 5) Shell &amp; Tube type Heat Exchangers upto 1700 mm dia &amp; 5000 mm length. 6) Shell &amp; Tube type evaporators upto 5500 mm dia &amp; 14000 mm length.</p>	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
552	8419.5000	Heat exchange units, Industrial ,	Plate Type (Gasketed) Heat Exchanger as per customer requirement and in accordance with ASME codes, of any capacity.	--	--	Industrial & Mechanical Engineers 403, Noor Estate Building Shahrah-e-Faisal Karachi
553	8419.5000	Heat exchange units, Industrial	Shell & Tube Type Heat Exchanger as per customer requirement and in accordance with ASME codes, of any capacity.	--	--	Industrial & Mechanical Engineers 403, Noor Estate Building Shahrah-e-Faisal Karachi
554	8419.5000	Heat exchange units, Industrial	Plate Type Heat Exchanger (Gasketed)	--	--	NKR Engineering (pvt) Ltd. 304, Anum Classic, 48 Darul Amman Society Opposite Duty Free Shop, Shakra-e-Faisal, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
555	8419.5000	Heat exchange units	a. Type = Shell/ Tube, as per TEMA Standard Pressure Range = 15 PSI to 1500 PSI Temperature Range = -150 to 500F Material used = Carbon Steel, Stainless Steel, Brass and Alloy Minimum Dia = 300mm, Max Dia = 1500mm Minimum Length = 1000mm; Max Length = 10000mm b. Type = Fin Fan/ Air Cooled Cooler Pressure Range = 15 PSI to 1500 PSI Temperature Range = ambient to 600F Material used = Carbon Steel, Stainless Steel, Brass and Alloy Minimum Size = 5000mm; Max Size = 12000mm	--	--	Petrosin Ravi Industries Ltd. Shahra-i-Pakistan Kala Shah Kakoo G.T Road Lahore
556	8419.5000	Heat Exchange Units	Heat Exchanger (Shell and tube type, size 300Kg/cm <sup>2</sup> pressure Heat Exchanger ( Air Cooled Exchanger/FinFan Cooler - Induced/Forced Draft	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
557	8419.5000	Heat Exchangers	Heat Exchanger (Shell and tube type, size 300Kg/cm <sup>2</sup> pressure Heat Exchanger (Air Cooled Exchanger/FinFan Cooler - - Induced/Forced Draft	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
558	8419.6090	Machines, condensing, for air or gas Industries	Shell & Tube Type of Carbon, Alloy & Stainless Steel. Fixed & Floating Tube sheets with straight & U-Tubes. Air Cooled with Finned Tubes of Carbon, Alloy & Non-Ferrous Materials ASME Sec. VIII, Div 1 & 2, TEMA, HEI, HTI	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
559	8419.8100	Kettles, steam, Industrial	Pressure Vessels with steam heating helical coils inside and fitted with or without agitator. Diameter upto 5000mm, height 6000mm and wall thickness upto 30mm fabricated of carbon, alloy or stainless steel. ASME Sec. VIII Div. 1 & 2	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
560	8419.8100	Kettles, steam, Industrial	Capacity Up to 350 TPH, 150 BARG (water tube, fire tube, waste heat recovery boiler, heat recovery steam generator)	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
561	8419.8910	Boilers, Industrial or laboratory	Capacity Up to 350 TPH, 150 BARG (water tube, fire tube, waste heat recovery boiler, heat recovery steam generator)	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
562	8419.8910	Cooling Towers	Cooling Tower Designs: Counterflow and Crossflow Air Flow: Induced and Forced Fills: Film Fill and Splash Fill Type: Industrial and Package Size per Cell: 50 GPM to 5000 GPM	Structure: Stainless Steel, Galvanized Mild Steel, FRP	--	Jalal Engineering B-425, Block 13, F.B. Area, Karachi – 75900
563	8419.8990	Steel Vessels and equipment	LPG Tanks - Static (Cylindrical upto 125 Mton capacity, Spherical upto 500 Mton capacity) LPG Bowzers capacity 30 Ton Storage Pressure Vessel (cylindrical/spherical), up to 250 mm plate thick (Columns, Stripper, absorption, distillation, dehydration, Deaeration Equipment & De Gasifiers etc.)	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
564	8419.8990	Pasteurizers, electro-thermic, Industrial	Juice and milk pasteurizers	--	--	NKR Engineering (pvt) Ltd. 304, Anum Classic, 48 Darul Amman Society Opposite Duty Free Shop, Shakra-e-Faisal, Karachi
565	8419.8910 8419.8990	Tanks, fitted with heating or cooling elements,	Atmospheric Tanks from 500 barrels to 380,000 barrels capacity. Large tanks can be of fixed roof, floating roof or dome roof. ASME Sec. VIII, Div. 1 & 2, API-650, API-620, API-12B, API-12D, API-12F	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
566	8421.1200	Machines, drying, for textiles, Industrial	Hydro Extractor	Steel	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
567	8421.2100	Water Treatment Plant	(i) Automatic Water Filtration units (Sand, Carbon and cartridge filter) Capacity Upto 20 cubic meter/ Hr as standard. (ii) Automatic D.I./Demineralized Water Plant Capacity upto 5.0 cubic meter/ Hr as standard. (iii) Automatic WFI/ Distilled Water Plant Capacity upto 3.0 cubic meter/ Hr as standard	--	--	FD & C Equipment (Pvt) Ltd. F-116.S.I.T.E., Karachi-75730
568	8421.2100	Reverse Osmosis / Desalination / Waste Water Treatment Plant	Capacity upto 500,000 gallons per day per unit	--	--	Aquatech 11 & 12 Shaheen Towers 23-A, Block-6, P.E.C.H.S., Shakra-e-Faisal, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
569	8421.2100	Demineralization / Deionization Plants	Automatic / Manual Demineralization Plant & Mixed Bed Polishers. Salt removal from raw water by Ion Exchange Resin. Capacities up to 50 m <sup>3</sup> /hr.	Filling media various type of strong and weak cation and anion exchange resins	Removal of ions (salts/ Minerals) through ion exchange process.	Water Engineering & Management Services Apartment # 2, 1st Floor, Glamour One Plaza, PECO Road, Township Lahore
570	8421.2100	Water Softening Plants	Automatic and Manual water softening plants. Capacities of all ranges with multiple ion exchange columns each having capacity 90 m <sup>3</sup> /hr	Strong cation exchange resin	Removal of selective ions (Calcium, Magnesium and Iron) through ions exchange process.	Water Engineering & Management Services Apartment # 2, 1st Floor, Glamour One Plaza, PECO Road, Township Lahore
571	8421.2100	Filters for oil refineries	As per fabrication drawings and Client's requirement.	Sand Filters for Oil Refineries. Inner dia 1980mm x 2930mm length. All water collection and Air distribution system is made of SS-304 material	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
572	8421.2100	Filters, water	Automatic & Manual Pressure Sand/Multimedia. Capacities of all ranges with multiple columns each having capacity up to 102 m <sup>3</sup> /hr	Filling media silica sand, and anthracite.	Filtration/ Removal of suspended solids above 40 micron through filtration media bed.	Water Engineering & Management Services Apartment # 2, 1st Floor, Glamour One Plaza, PECO Road, Township Lahore
573	8421.2100	Filters, water	Automatic & Manual Activated Carbon Filters. Capacities of all ranges with multiple columns each having capacity up to 80 m <sup>3</sup> /hr	Filling media Activated Carbon	Adsorption of organics and removal of odour causing compounds.	Water Engineering & Management Services Apartment # 2, 1st Floor, Glamour One Plaza, PECO Road, Township Lahore
574	8421.2100	Water Treatment Plant/ Effluent Treatment Plant / Waster Water Treatment Plant/ Sewage Plant/ Desalination Plant	From 1m <sup>3</sup> / hr. to 7000 m <sup>3</sup> /hr. or more as per customer requirement	--	--	DDFC (Pvt) Ltd. 73-G/II, Model Town, Lahore
575	8421.2100	Desalination / R.O (Reverse Osmosis Plant)	R.O. Plant based on membranes filtration technology including pre and post treatment. Pre-treatment comprises of sand filter/ multimedia filters/ Activated carbon filter, Iron removal filters etc. Capacities up to 120 m <sup>3</sup> /hr or (multiple trains of 50 m <sup>3</sup> /hr up to all capacities).	Separation through Brackish water membranes.	Removal of Total dissolved solids (TDS) through membranes technology	Water Engineering & Management Services Apartment # 2, 1st Floor, Glamour One Plaza, PECO Road, Township Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
576	8421.2900	Air Filters / Oil Filters	Air Filters for Power Generation and Customized Industrial application other than automotive  (All Types and Sizes)	--	--	Malik Auto and Agricultural Ind. (Pvt) Ltd. 80-Badami Bagh, P.O. Box 465 Lahore  Qaim Automotive Mfg. (Pvt) Ltd. 203-206, Prince Centre, Preedy Street Saddar, Karachi-74400  Skyways Manufacturers (Pvt) Ltd. A/1-A-3, SITE Karachi
577	8421.3940	Air Filters	Other than automotive  (All Types and Sizes)	--	--	Malik Auto and Agricultural Ind. (Pvt) Ltd. 80-Badami Bagh, P.O. Box 465 Lahore  Qaim Automotive Mfg. (Pvt) Ltd. 203-206, Prince Centre, Preedy Street Saddar, Karachi-74400  Skyways Manufacturers (Pvt) Ltd. A/1-A-3, SITE Karachi
578	8421.3950	Bag Filters	Other than automotive  Used for air filtration as substitute of cartage air filter and also used for removal of dry and wet smokes for cleaning the air or controlling the pollution as part of national environmental quality standards.  (All Types and Sizes)	Usages: Gas turbines, generators, (air intake for circulation) cement, Coal power stations for controlling the emissions for environmental controls, dust collectors, vacuum cleaners and for all the machines which are producing fumes, unwanted vapors which act as air cleaner for operation as creating suction or for purpose of environment standard compliance. Bag filters are also used for liquid filtration in which case the filter media is for filtration of liquid and with the change of filter media the character of bag filtration can be changed.	--	Malik Auto and Agricultural Ind. (Pvt) Ltd. 80-Badami Bagh, P.O. Box 465 Lahore  Qaim Automotive Mfg. (Pvt) Ltd. 203-206, Prince Centre, Preedy Street Saddar, Karachi-74400  Skyways Manufacturers (Pvt) Ltd. A/1-A-3, SITE Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
579	8421.3990	Filters, vacuum	Having diameters of 3500mm and length of 6000mm ASME Sec. VIII, Div. 1 & 2	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
580	8421.3990	Filters, vacuum	For Sugar mills and other allied Industries .In accordance to ASME sec VIII Div 1 & 2.	1) Vacum Filters upto 60 M <sup>2</sup> area, 3000 mm diameter and 6000 mm height	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
581	8421.3990	Plate and frame type filter	36' x 36' (upto 650' filtering) For Ceramic & Sugar Industry	--	--	The Star Mughal Industries (Pvt) Ltd. Sharifpuraa, G.T. Road Gujranwala
582	8421.3990	Vacuum Filter	13' x 32' - 1310 filtering area Rotary Filter type	--	--	The Star Mughal Industries (Pvt) Ltd. Sharifpuraa, G.T. Road Gujranwala
583	8421.3990	Pressure Filter	As per Sugar Industry Specifications and other as per client design	--	--	The Star Mughal Industries (Pvt) Ltd. Sharifpuraa, G.T. Road Gujranwala
584	8421.3990	Filters, Air	Other than automotive  (All Types and Sizes)	--	--	Malik Auto and Agricultural Ind. (Pvt) Ltd. 80-Badami Bagh, P.O. Box 465 Lahore  Qaim Automotive Mfg. (Pvt) Ltd. 203-206, Prince Centre, Preedy Street Saddar, Karachi-74400  Skyways Manufacturers (Pvt) Ltd. A/1-A-3, SITE Karachi
585	8421.9990	Clarifiers	36' x 18' (upto 141000 Gallons) Dorr Olive, SRI, FCB Type	--	--	The Star Mughal Industries (Pvt) Ltd. Sharifpuraa, G.T. Road Gujranwala

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
586	8422.3000	Liquid / Solid & Bulk Packaging Machines	<u>Liquid Packaging Machines</u> Output: 1000 to 2700 pouches per hour Capacity : 5ml to 5000ml Weight: 200 to 550 kg Dimensions: L: 600~872 mm x W: 355~830 mm x H: 1795~3000 mm <u>Solid Packaging Machines</u> Output: 18 to 45 pouches per min Capacity: 5 grams to 2000 grams Weight: 575 to 600 Kgs Dimensions: L:1110~1160 mm x W: 830~1700 mm x H: 2080~2750 mm <u>Bulk Packaging Machines</u> Metering Mode: Weighing (Net weight form) Output: 6~9 bag per min Capacity: 05~50 Kg (20~100 kg for oversized ones) Weight: 800 kgs, Weight accuracy: 0.2% Dimensions: 3700 (variable depending on the conveyor) x 1600 x 3100 mm	Pouch Type: pillow/standing shape, center/side/sachet 3 side, 4 side seal with or without photocell or continuous /centralized design Options: Strip applicator, date coding system, English folding system, feeding conveyor, conveyor, thermic sealing system.  Packaging Materials: PE, BOPP, PP, nylon, laminate, cotton, jute, paper aluminum foil etc. Water:100 Ltr/hr, 2° C > 10°, P 2 bar  Air : 800 Ltr / min, P 6 bar Power : 220/380 V, 1 phase & 3 phase, 50 Hz, 2~7 KW	--	Salam Enterprises (Pvt) Ltd. Plot No. 20 Rasheed Industrial Estate, 18 KM Feroze Pur Road, Lahore
587	8422.3000	Machines, filling, for bottles, cans,	Variable specifications as per requirements for Juice, Water Treatment, Cosmetics and liquid Food processing.	--	--	Al-Qarni Flow Tech International 9/34 Civic Centre New Garden Town, Lahore
588	8424.1000	Fire Extinguishers	<u>Fire Extinguishers of AFFF Type</u> Size: 10 litres (portable); 45 and 150 litres (Trolley mounted); 1000 litres (trailer mounted) <u>Dry Powder Type</u> Size: 1 to 12 Kg (portable); 20 to 100 Kgs (trolley mounted); 250, 500, 1000kgs (trailer mounted) <u>Halotron-1 Type</u> Size: 1 to 12 Kg (portable); 20 to 100 Kgs (trolley mounted); 250, 500kgs (trailer mounted) <u>Water type</u> Size: 10 litres (portable); 45 & 150 litres (trolley mounted)	--	--	Haseen Habib Corporation [Pvt] Limited 27-Nicholson Road Lahore
589	8426.1110	Cranes	Type: Electrical Over Head Cranes Size: 150 Tons Desing Code/ Standards: FEM, CMAA.	--	--	Heavy Mechanical Complex-3 Hattar Road, Taxila
590	8426.1110	Overhead travelling cranes	Overhead travelling cranes 0.5 tons to 300 tons	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
591	8426.3000	Jib Cranes	Size: 3 Ton	--	--	Heavy Mechanical Complex-3 Hattar Road, Taxila

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
592	8426.3000	Jib Cranes	Jib cranes upto 5 tons and monorail cranes upto 10 tons	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
593	8426.9100	Cranes, designed for mounting on road vehicles	Lift Capacity: 800, 1000, 1500, 2000, 2500 and 3000 kgs. Can be Mounted on any available local truck chassis.	--	--	Agripak International A - 263 Block - C, North Nazimabad, Karachi
594	8426.9900	Grantry Cranes	Size: 60 Tons	--	--	Heavy Mechanical Complex-3 Hattar Road, Taxila
595	8426.9900	Grantry Cranes	0.5 tons to 250 tons.	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
596	8426.9900	Cableways / Cable trays	Ladder Type & Perforated Type (size 100mm ~ 700mm wide)	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
597	8427.2010	Forklift Truck	Upto 3 tons lifting capacity	--	--	Millat Tractors, Ltd. Sheikhupura Road, Shahdara Lahore
598	8428.3100	Conveyors, continuous-action, for goods or materials	Width = 1,000 mm Length = 100 Meters BS-6318	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
599	8428.3100	Conveyors Belts and Transmission Belts	Belts from 25mm in width to 2300mm width with any length and thickness and number of plies.	--	Heat Resistant and abrasion resistant	Chawla Rubber & Plastic Industries (Pvt) Ltd. 43-Industrial Area, Township, Kot Lakhpat, Lahore
600	8428.3100	Airport Handling Equipment	Baggage Conveyor Belt Loader, Pallet Container Transporter, Self Propelled / Truck Mounted Lavatory Vehicles, Self Propelled / Truck Mounted Potable Water Unit, Prototype Ground Power Unit and MJ-3 Bomb Lifter Loading capacity upto 1200Kg	--	--	Tash International (Pvt) Ltd 26-29 Ground Floor , Dadabhoy Centre Main Sharae Faisal, Karachi-75530
601	8428.3100 8428.3200	Bucket Elevators	Bucket capacity = 0.3 cubic meters Height = 30 Meters BS-6318	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
602	8428.3300	Belt Conveyors	Width = 1,000 mm Length = 100 Meters BS-6318	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e- Jami, DHA, Karachi
603	8428.3300	Airport Baggage Conveyer, belt type	Specifications for Propelled Conveyor Belt Loader: As per International aerospace standards AHM 910: ,AHM 913, AHM 915, AHM 925, ARP-836A Loading capacity upto 1200Kg	--	--	Tash International (Pvt) Ltd 26-29 Ground Floor , Dadabhoy Centre Main Sharae Faisal, Karachi-75530
604	8428.3910	Conveyors	Width = 1,000 mm Length = 100 Meters BS-2890	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e- Jami, DHA, Karachi
605	8428.3990	Conveyors	Width = 1,000 mm Length = 100 Meters BS-2890	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e- Jami, DHA, Karachi
606	8429.2000	Graders	50 Tons per hours	--	--	The Star Mughal Industries (Pvt) Ltd. Sharifpuraa, G.T. Road Gujranwala
607	8429.4000	Static Road Rollers	Static Road Rollers 10 to 12 tons Upto 55 HP	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
608	8429.5100	Loaders, shovel, front- end, mechanical, self- propelled	1 - 3 cub meter bucket handler tractor front end loader for Industrial and Agricultural work.	[Bucket Attachment of the Tractor used on the front Side of Tractor for the Uplifting of Garbage or Construction Disposables.]	--	Agripak International A - 263 Block - C, North Nazimabad, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
609	8431.4300	Drilling Equipment and Drill Collars	<p><u>(I) Rotary Drilling Equipment and Threaded Connections including:</u></p> <p>i) Stabilizers ii) Drill Collars iii) Heavy Weight Drill Pipes (excluding friction welded drill pipes) i</p> <p>v) Drill String Subs v) Bit Subs vi) Kelly and Kelly Saver Subs (square and hexagonal)</p> <p>f) Casing pup joints and X-overs, i) Casing pup joints ii) Tubing pup joints iii) Casing X-Over iv) Tubing X-over</p> <p>g) Re-threading i) Threading on tubing ii) Threading on Casing Pipe Excluding finished threaded casing and tubing for oil and gas wells.</p> <p>h) Mud tanks for drilling rigs, mud hoppers, mud agitators, mud guns i) Seismic drilling rigs; - Man portable type</p>	<p>Made from 4140H forged steel or special steel, as per API 7 Specs. Upto 36" 4-1/2" to 9-1/2" Upto 31 ft</p> <p>Upto 5.1/2"</p> <p><u>i) Following API Threads &amp; Connections:</u> - BTC, EUE, 8 Round, 10 Round <u>ii) Following Premium Threads &amp; Connections</u> - RTS <u>i) Following API Threads &amp; Connections:</u> - BTC, EUE, 8 Round, 10 Round <u>ii) Following Premium Threads &amp; Connections</u> - RTS</p> <p>100 to 500 ft. Mountable on Off</p>	NACE	ADOS Pakistan Limited H.No. 88, Main Margalla Road, F-8/2, Khayaban-e-Iqbal Islamabad
610	8431.4900	Blades for Tractors	Dozing Blades for different hp of Tractors; Width: 6ft, 7ft, 8ft	--	--	Agripak International A - 263 Block - C, North Nazimabad, Karachi
611	8432.1010	Ploughs, for agricultural Machines	Ploughs for 2,3,4,5 Discs. Reversible and Standard with tubular frame. With 2 Discs: 42" With 3 Discs: 63" With 4 Discs: 84" With 5 Discs: 105"	--	--	Agripak International A - 263 Block - C, North Nazimabad, Karachi
612	8432.1090	Ploughs, for agricultural Machines	Ploughs for 2,3,4,5 Discs. Reversible and Standard with tubular frame. With 2 Discs: 42" With 3 Discs: 63" With 4 Discs: 84" With 5 Discs: 105"	--	--	Agripak International A - 263 Block - C, North Nazimabad, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
613	8432.2100	Harrows, disc, for agricultural Machines	14, 16, 18, 22 and more discs with hydraulic attachments With 14 Discs: Front 70" & Rear 65" With 16 Discs: Front 78" & Rear 70" With 18 Discs: Front 86" & Rear 78" With 22 Discs: Front 102" & Rear 94"	--	--	Agripak International A - 263 Block - C, North Nazimabad, Karachi
614	8432.2910	Cultivators, for agricultural Machines	5, 9, 11, 14, 19 tines with front and fixed frame. Have an options with Tyres assembly and Hydraulic Functions With 5 Tines: 66" With 9 Tines: 86" With 11 Tines: 96" With 13 Tines: 106" With 19 Tines: 146"	--	--	Agripak International A - 263 Block - C, North Nazimabad, Karachi
615	8432.4000	Spreaders, manure	200lit fertilizer spreaders tractor mounted, and pto operated.	--	--	Agripak International A - 263 Block - C, North Nazimabad, Karachi
616	8432.8090	Machines, stone-removing, agricultural	Laser Land Leveling system consisting of: 1. Rotary laser transmitter 2. 360 degree laser receiver 3. Control Box 4. Bottomless bucket hydraulic scraper	Minimum 300 meter radius operating range Within one millimeter per 20 meter level accuracy 0 to 50 degree Celsius operating temperature Moisture and dust proof Mil.Spec. C-5015 electrical connectors	--	Pakistan Atomic Energy Commission Applied Physics Division PINSTECH Nilore, Islamabad
617	8432.9000	Mouldboards for plough	2,3,4 furrows with Hydraulically Revisable and One-way Simple fabrication. For 2 Furrow: 32" For 3 Furrow: 60" For 4 Furrow: 88"	--	--	Agripak International A - 263 Block - C, North Nazimabad, Karachi
618	8438.3010	Sugar plants	Complete Sugar plants upto 12000 TCD	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
619	8438.3090	Diffusing apparatus for sugar extraction,	For upto 6,000 TCD Sugar Plant API 650, API 620, ASME Sec. VIII Div. 1	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e- Jami, DHA, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
620	8438.3090	Extracting Equipment	Equipment for extraction in sugar industry: Cane Carrier. Cane leveler. Cane cutting knives. Cane shredder Prepared cane elevator Cane crushing mills Mill cooling water piping. Inter conveyors Service platform & gangways Receiving tanks made of mild steel & stainless	1) High extraction can crushing rollers with hydraulic arrangement and feed rollers. 2) De- Pithers. 3) Cane Shredders upto 8000 TCD. 4) Cane Cutters upto 5060 mm wide. 5) Centrifugal machines. 6) Chip Board forming machines. 7) Brequetting Presses. 8) Rotary Bagasse Feeders for Boilers. 9) Cane Levellers. 10) Lime Slackers.	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
621	8438.3090	Diffusing apparatus for sugar extraction,	As per fabrication drawings and Client's requirement. In accordance to API 650, API 620, ASME Sec VIII Div 1	1) High extraction can crushing rollers with hydraulic arrangement and feed rollers. 2) De- Pithers. 3) Cane Shredders upto 8000 TCD. 4) Cane Cutters upto 5060 mm wide. 5) Centrifugal machines. 6) Chip Board forming machines. 7) Brequetting Presses. 8) Rotary Bagasse Feeders for Boilers. 9) Cane Levellers. 10) Lime Slackers.	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
622	8438.8090	Crystallizers, sugar refining , Industrial	For upto 6,000 TCD Sugar Plant ASME Sec. VIII, Div. 1 & 2	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
623	8438.8090	Crystallizers, sugar refining , Industrial	Sugar Mill eqpt.of upto 10,000tpd: Cane Carrier, Cane leveler, Cane cutting knives, Cane shredder, Prepared cane elevator, Cane crushing mills, cooling water piping, Inter conveyors, Service platform & gangways MS & SS receiving tanks, imbinition & juice piping, service hand box only, belt conveyor, Juice Heaters, Bucket elevator, Lime slaker, Flashing vessel, Door type & SRI type clarifier, Vacuum filters, Cascade condenser Mud overflow tank, Mud mixer Cyclone, bagacillo separator and ducting, Bagacillo screen with hopper Evaporators, Condensate receiver, Vacuum pans(batch type), Crystallizers (air cooled & water cooled) Vertical crystallizer, Open seed crystallizer, Vacuum crystallizers, Multi jet condensers, Continuous centrifugals, Feed mixer, Screw conveyor, Sugar remeltor, Magma minglers single/double paddle, Raw sugar remelter, First/ Second carbonation tank tank, Remelt sulphitator, Rotary pressure filter, Aeration tank, Telofloc clarifier, Scum clarifier, hopper conveyor, White sugar dryer, Air heater Dry cyclone, wet cyclone, Sugar Storage bins, B inspection/access doors, Hoppers, Flue gas duct	1) Vertical Crystallizer upto 300 tons weight, 4000 mm diameter and 13000 mm length. 2) Air Cooled Crystallizer upto 3000 mm diameter and 5500 mm length. 3)Vacum Crystallizer upto 2800 mm diameter and 5000 mm length. 4) Agitators upto 8000 mm diameter and 6500 mm length. 5) Condensors upto 1400 mm diameter and 5600 mm length. 6) Seperators upto 1500 mm diameter and 9500 mm length. 7) Filters and screens upto 5000 mm dia and 6000 mm length. 8) Mixers upto 2400 mm dia and 8000 mm length. 9) Pressure Filters and Reactors upto 3000 mm dia and 4000 mm length. 10) Vacuum Filters upto 3000 mm dia and 6000 mm length	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
624	8438.8090	Crystallizers, sugar refining , Industrial	As per fabrication drawings and Client's requirement.	--	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
625	8438.8090	Machines, cutting and rolling, for tea	As per fabrication drawings and Client's requirement.	--	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
626	8445.4010	Weft Pirn Winder	Horizontal Type used for filling of bobbins for weaving process. Machine stops automatically after completion of Bobbins. The capacity is from 12 spindles to 48 Spindles.	--	--	Talib Brothers Engineering Works Near Sangeet Cinema, Sargodha Road, P.O Box 418 Faisalabad
627	8445.4010	Weft Pirn Winder	Vertical Type used for filling of bobbins for weaving process. Machine stops automatically after completion of Bobbins. The capacity is from 12 spindles to 48 Spindles.	--	--	Talib Brothers Engineering Works Near Sangeet Cinema, Sargodha Road, P.O Box 418 Faisalabad
628	8445.4020	Cone Winders.	For the rewinding of cones in weaving mills. Machine stops automatically after completion of Process. The capacity is from 06 spindles to 48 Spindles.	--	--	Talib Brothers Engineering Works Near Sangeet Cinema, Sargodha Road, P.O Box 418 Faisalabad

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
629	8445.4090	Sectional Warping Machines	from 72" to 210" widths. For the filling of warp beams for all kind of looms. Mechanical machines equipped with Auto electric warp stop motion, variable motor system. Creel capacity as per requirement.	--	--	Talib Brothers Engineering Works Near Sangeet Cinema, Sargodha Road, P.O Box 418 Faisalabad
630	8446.2100	Terry Towel Drop Box Shuttle loom.	Shuttle power loom for the Weaving of Export Quality Terry Towel products. Loom width ranging from 64" to 105".	--	--	Talib Brothers Engineering Works Near Sangeet Cinema, Sargodha Road, P.O Box 418 Faisalabad
631	8446.2100	Automatic Cop Change Shuttle Loom	For weaving of Towel and Fabric. For fabric: width of loom from 44" to 126". For Towel: width of loom, from 64" to 105". The ejection of empty bobbin from shuttle and insertion of filled bobbin from magazine to shuttle is automatic.	--	--	Talib Brothers Engineering Works Near Sangeet Cinema, Sargodha Road, P.O Box 418 Faisalabad
632	8446.2100	Grey Cloth Plain Shuttle Loom.	From 44" to 120" width Grey Cloth Plain Shuttle Looms used for the weaving of fabric.	--	--	Talib Brothers Engineering Works Near Sangeet Cinema, Sargodha Road, P.O Box 418 Faisalabad
633	8446.3000	Terry Towel Rapier Loom.	With Provision of Manual and electronic Jacquard, Paper and Electronic dobby. Width of looms from 76" to 110". Shuttle less technology used for the weaving of terry towel products. Paper and Electronic dobby can be used on the loom. Up to 18 Nos frames can be operated. 4 Clours, clour selector is installed. The manual and electronic Jacquard can also be fitted on these looms.	--	--	Talib Brothers Engineering Works Near Sangeet Cinema, Sargodha Road, P.O Box 418 Faisalabad
634	8446.3000	Grey Cloth Rapier Looms.	With Provision of Manual and electronic Jacquard, Paper and Electronic dobby. Grey Cloth Rapier loom. Width of looms from 56" to 134". Shuttless technology used for the weaving of fabric. Electronic and manual Jacquards are used on these looms. The Paper and Electronic dobby can also be installed.	--	--	Talib Brothers Engineering Works Near Sangeet Cinema, Sargodha Road, P.O Box 418 Faisalabad
635	8448.1100	Dobbies for looms	Mechanical, used for the designing of different kind of Towel and fabric, and also used for the brand name writing on the edge of fabric. Range, from 8 lever to 22 levers, 1 cylinder to 4 cylinders in heavy and light duty.	--	--	Talib Brothers Engineering Works Near Sangeet Cinema, Sargodha Road, P.O Box 418 Faisalabad

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
636	8448.4210	Reeds for looms	i) <u>Profile / Terry Reeds</u> Density: 3.0 d/cm to 40 d/cm, M/c width: 150 cm to 390 cm  ii) <u>Flat Reeds.</u> Density: 3.0 d/cm to 40 d/cm, M/c width: 150 cm to 390 cm	i) Highest quality Stainless Steel  ii) Highest quality Carbon/ Stainless Steel	i) Stainless Steel: 90% aluminum: 5% Misc: 5%  ii) Carbon Stainless Steel: 90% aluminum: 5% Misc: 5%	Textile Technics (Pvt.) Ltd. 6th Floor EFU House, Gulberg Road, Lahore
637	8448.4210	Reeds for looms	Tunnel Reeds for Air Jet looms Flat reeds for Water Jet, Rapier, Projectile, Shuttless and Shuttle looms. Double / towel looms Circular reeds Sizing reeds Knotting reeds (All sizes and counts)	All are synthetic bound, soldered and pitch bound bindings.	--	Abid Industries E-43, SITE Karachi – 75700
638	8448.4290	Heald-frames for textile weaving Machines	Heald Frames for shuttless looms in C-type & J-type in all sizes	--	--	Abid Industries E-43, SITE Karachi – 75700
639	8448.4990	Beams and Emry Rolls	For all types of looms and weaving machines	--	--	Talib Brothers Engineering Works Near Sangeet Cinema, Sargodha Road, P.O Box 418 Faisalabad
640	8450.1200 8450.1900	Washing machines	Voltage: 220V AC, Net Weight Kgs: 19.60, Gross Weight Kgs: 24.00, General Operation Duration: 1-15 minutes, Frequency: 50/60 HZ, Input: 220 Volts/ 175 watts, Capacity of wash tub: 85 litres	--	--	Wahid Industries Ltd. G. T. Road, Gujrat

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
641	8451.2900	Industrial Tumble Dryer	<p><u>MODEL: ITD2000</u> The volume of the drum is 2000 liters and nominal drying load of the machine will be 100 kg Specifications: Capacity:100 kg; Drum Dia:1500 mm; Drum Depth:1200 mm; Motor Capacity: 1.5 kw; Fan Power Capacity: 3.7 kw; Hydraulic Motor Capacity: 1.1 kw; Steam Inlet 25 mm (1 inch)</p> <p><u>MODEL: ITD3500:</u> The volume of the drum is 3500 ltrs and nominal drying load of the machine will be 175 kgs Specifications: Capacity:175 kgs; Drum Dia: 1750 mm; Drum Depth: 1450 mm; Motor Capacity: 4.0 kw; Fan Power Capacity: 7.5 kw; Hydraulic Motor Capacity: 1.1 kw Steam Consumption: 400 kg/hr; Steam Inlet: 25 mm (1 inch); Fan Volume: 9500 m3/hr Dimension: Width 2300 mm; Depth 2600 mm; Height 2800 mm; Weight 2800 kgs</p>	Steel	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
642	8451.2900	Batch Curing Oven	<p><u>Dimension:</u> Height : outside 1908 mm, inside 1675 mm Width : outside 1730 mm, inside 1575 mm Depth : outside 2060 mm, inside 1990 mm <u>Electric Batch Oven:</u> Electricity : 28 kw</p>	Steel	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
643	8451.2900	Continuous Dryer	<p>No. of Chambers: 4 Machine Length : 14,955 mm Fan: 3.7kw x 4 Suction Blower : 3.7kw x 4 Drum drive motor : 2.2kw x 4 Reel motor : 0.4kw x 5 Electric capacity : 40.4kw Steam consumption : 400~600 Speed / Capacity: 16m/min 180kh/H</p>	Steel	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
644	8451.2900	Washing Fastness Testing Machines	<p>Test Pots of size: i) 3" X 5" (8 Nos.) ii) 3.5"X8" (8 Nos.)</p>	Stainless Steel	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
645	8451.2900	Lab Padder	<p>Pneumatic loaded having forward variable speed drive. Bowl diameter 100mm, face width 350 mm Spray wash, emergency stop switch on top of the panel and on the side of the body.</p>	Stainless Steel	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
646	8451.2900	Frame Batching Trolley	Roller dia 220 mm x width 2000 mm Two wheels 12" dia with bearing. (Sizes can be vary as per customer requirement)	Having frame Stainless Steel cover	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
647	8451.2900	Thermofix (with Steaming)	Stainless steel grade 316 (V4A). Temperature range up 20 to 240 °C. 2 speed fan and adjustable air flow. Variable speed drive 0 -2 m/min.	Oven can be used with in frame only. Auto timer for variable dwell times in either seconds, minutes or hours. Auto ejection of pin frame. Steamer with humidity control	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
648	8451.2900	Pad Steamer	1 X 2 Bowl vertical padder of 350 mm face width and 100 mm Bowl diameter. Steaming chamber. Exit with batching device Sump heating for producing saturated steam. Top and bottom driven rollers. Stainless steel water locks at exit of steamer. Inverter drive. Pneumatic cylinder.	The Pad Steam Range for dyeing and developing, Constructed in stainless steel. Floor standing with glass inspection door Suitable for continuous use, roll to roll. Indirect heated roof to prevent condensation.	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
649	8451.4010	Yarn Steaming Machine	Capacity 1000 kg/Charge. Four pieces electric heater. (25 kw x 4 = 100 kw). Vacuum pump is GMP230/200-1462. Vacuum sensor is FISCHER brand (Made in GERMANY) Hydraulic opening-closing door. (Vertical-Horizontal). 304 Quality stainless steal.	Programmer is fully automatic. Silicon seal (with blowing up air). Pneumatic entry platform. Stainless steel Thermometer and Manometer Badotherm brand. Magnetic water level indicator. Water supply and discharge are pneumatically operated. 3 pieces bobbin carrier.	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
650	8451.4030	High Temperature Jet Dyeing Machine	Capacity 25 Kgs to 900 Kgs.	Stainless Steel 316	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
651	8451.4030	Atmospheric Dyeing Machine	Capacity from 25 Kg. to 500 Kg.	Stainless Steel 316	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
652	8451.4030	Machines, washing , for textile	Garment Washer (Front & Top Loading) Capacity	Steel	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
653	8451.4030	Dyeing Machines	High Temperature Lab Dyeing Machine (8-12 Pots)	Stainless Steel	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
654	8451.4030	Dyeing Machines	Atmospheric Lab Dyeing Machine (12 - 16 Pots)	Stainless Steel	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
655	8451.4030	Lab Jigger	Complete machine with indirect heating, temperature controller and variable speed 0 - 10 M/Min, Robust construction. Machine incorporate large diameter, draw rollers which reduce running creases. Maximum batch diameter 160 mm. Possibility of reverse and forward is given. Automatic timing can be preset for a process operation. Width 350mm.	--	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
656	8451.4030	Dissolving Tanks	<u>Specification:</u> Capacity: 1000 Liter; Diameter: 1040 mm Height: 1250 mm; Thickness of sheet: 2.0 mm Type of welding: Argon Arc & Electric Shower Line: 1" (specification will be changed according to customer requirement)	On & off panel Stainless steel stirrer with 0.75-1.2 kw 2 step motor with gear box (200/400 rpm)	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
657	8451.8090	Rotary Bleaching & Dyeing Machine	Loading Capacity: 120-150 kg; Inner Cylinder Dimension: Ø 1275mm X 1250 mm No. of Chambers: 03; Thickness of Inner Drum: 3.00mm 316 ASI; Thickness of Outer Drum: 2.50 mm 316 ASI; Thickness of Flappers: 3.00 mm 316 ASI; Pneumatic valves: Steam Valve - 20 mm, Drain Valve – 80 mm, Water inlet Valve - 50 mm; Side Plates: 5mm 316; One additional Tank: 75 Liter capacity each Measuring Device: Sight Glass With scale; Drive : 5.5 KW with Gear Box; Pump: 2.2 KW; Stirrer of addition tank: 0.18 KW;	Heating: Indirect Heating System (with Pneumatic Valve); Washing & Dyeing: Variable Speed (Inverter Drive); Type of welding: Argon & Arc; Control Panel: Automatic with Dosing System; The inner basket is made of stainless steel having robust construction with perforation having find edges in order to avoid spoiling of garments. Any thing of machine in contact with dyes & chemicals is of 316	--	Al Ameen Industries Plot # 28, Sector # 19, Korangi Industrial Area, Karachi
658	8458.1100	Lathes, horizontal, numerically controlled	Desktop PC based CNC Lathe with X=145, Z=225, and centre distance 270mm, for Educational & Training Institutes	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
659	8458.1900	Lathes, horizontal, numerically controlled	Precision Centre Lathe Centre distance upto 1500 mm	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
660	8459.2910	Machine-tools, Drilling by removing metal, not numerically Controlled	Universal Drilling Machine with Drilling capacity upto 32mm & boring capacity upto 65 mm in Cast Iron	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
661	8459.2910	Machine-tools, Drilling by removing metal, not numerically controled	Pillar Drilling Machine with Drill Capacity upto 20 mm in Steel	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
662	8459.3100	Machine-tools, boring Milling by removing metal,	Modular boring Heads, 02 ways & 4 ways configuration. Drilling Capacity 32 mm in Cast Iron & 25mm In steel.	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
663	8459.3910	Machine-tools, boring by removing metal	Vertical Copy Milling, Drilling boring Machine Drill Dia 25 mm	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
664	8459.5100	Machine-tools, Milling by removing metal, numerically controled	Desktop PC Based for Educational & Training Institutes Milling Machine, Knee Type Numerically Controlled	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
665	8459.5910	Machine-tools, Milling by removing metal, knee-type,	Knee Type Milling Machine Horizontal, Vertical & Universal Version with long Traverse upto 810 mm and table size upto 1300x300 mm	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
666	8459.6910	Machine-tools, Milling by removing metal, not numerically controled	Turret Milling Machine (Bridge Port Type) Travels long. 750, Cross 300, Vert. 400 mm	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
667	8459.6920	Machine-tools, Milling by removing metal, not numerically controled	Universal Engraving Machine Clamp Area 500x200 mm Pantograph ratio 1:1 to 1:50	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
668	8465.9110	Machine-tools, sawing, for working wood/ cork/ hard rubber	Blade Length not exceeding 45.7 cm	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
669	8471.3020	Microcomputers, personal, desktop	Desktop Computers. All type of computers with Intel(R) motherboards and processors.	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
670	8471.4900	Microcomputers, personal, desktop	Desktop Computers. All type of computers with Intel(R) motherboards and processors.	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
671	8474.1010	Machines, screening, for earth, stone,	For Cement Plants of upto 3500 TONS/DAY AISI	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
672	8474.1020	Machines, screening, for earth, stone,	For Cement Plants of upto 3500 TONS/DAY AISI	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
673	8474.1090	Machines, screening, for earth, stone,	For Cement Plants of upto 3500 TONS/DAY AISI	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
674	8474.2010	Machines, grinding / crushing, for earth, stones,	For Cement Plants of upto 3500 TONS/DAY AISI	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
675	8474.2010	Machines, crushing, for earth, stone,	As per fabrication drawings and Client's requirement.	--	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
676	8474.2090	Machines, grinding / crushing, for earth, stones,	For Cement Plants of upto 3500 TONS/DAY AISI	--	--	SEFEC Engineering (Pvt.) Ltd. C-31/C, South Park Avenue, 24th Commercial Street, Khayaban-e-Jami, DHA, Karachi
677	8474.2090	Machines, crushing, for earth, stone,	As per fabrication drawings and Client's requirement.	--	--	A.B.S Engineering Corporation (Pvt) Ltd. F-492, S.I.T.E, Karachi- 75700
678	8474.8090	Machines, agglomerating, for mineral products	Two three phase separators, absorption tower columns wall thickness upto 120 mm , process reactors wall thickness up to 120 mm , pressure vessels based on ASME codes, tubular heat exchangers tema standards, tubular condensers TEMA standards, plain / fin tube air collar , LPG storage tanks base on ASME codes , Oil storage tanks base on API codes , Heat recovery boilers, steel structures, process & utilities piping off ,site utilities, Gas sweetening unit ,Amine absorption unit ,Gas dehydration unit, Glycol dehydration plant, Flare Stack system, LPG recovery unit, Sulphur recovery unit.	--	--	Petrosin Ravi Industries Ltd. Shahra-i-Pakistan Kala Shah Kakoo G.T Road Lahore
679	8474.9020	Parts of Cement plant	Cement plant upto 4000 TPD	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
680	8474.9090	Agitator for sugar plants	Up to 40 Feet dia As per Sugar Mills Client Specification	--	--	The Star Mughal Industries (Pvt) Ltd. Sharifpuraa, G.T. Road Gujranwala
681	8479.6000	Coolers, evaporative air	Evaporators for Deep Freezers and Visi Coolers 1/5HP, 1/4HP, 1/3HP and 1/2hp	--	--	Breeze Frost Industries (Pvt) Ltd. Harbanspura Road, P.O. Tajpura, Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
682	8479.6000	Room Air Coolers	Power source: 220 CV/230V, 50 Hz, Fan Speed: High 1350 RPM, Low 1150 RPM, Water Tank Capacity: 60 litres, Net weight: 45.50 Kg, Gross weight: 49.50 Kg	--	--	Wahid Industries Ltd. G. T. Road, Gujrat
683	8479.8290	Pharmaceutical Machines	<u>Tablet Processing Machines</u> (i) Wet Granulator and Kneader Capacity upto 1 ton/ batch (ii) Dryer Capacity upto 1 ton/ batch (iii) Milling and wet/ dry sizer Capacity upto 800 Kg/hr (iv) Sifter and Sever Capacity upto 500 Kg/Hr	--	--	FD & C Equipment (Pvt) Ltd. F-116.S.I.T.E., Karachi-75730
684	8479.8290	Pharmaceutical Machines	Cream Ointment & Paste Processing and packaging machines Capacity upto 1500 Kg/Hr	--	--	FD & C Equipment (Pvt) Ltd. F-116.S.I.T.E., Karachi-75730
685	8479.8290	Pharmaceutical Machines	Mixer/ Blenders Capacity upto 5.0 tons/ hr	--	--	FD & C Equipment (Pvt) Ltd. F-116.S.I.T.E., Karachi-75730
686	8479.9090	Vacuum Pans for sugar mills	120 Tons Strike Cap. For Sugar Mills	--	--	The Star Mughal Industries (Pvt) Ltd. Sharifpuraa, G.T. Road Gujranwala
687	8481.3000	Check Valves	Cast Steel Check Valves Flanged 2" to 18" (excluding valves complying with valid API 6D ans NACE compliance)	As per API - 600	ASTM-A 216 WCB	Popular Pipe Fitting Manufacturers 24-Shalamar Town Lahore
688	8481.3000	Check Valves	B.S. 5153; upto 24" dia (excluding valves complying with valid API 6D ans NACE compliance)	Cast Iron	Grade 14 Mechanite Type GD	Ghulam Mohi-ud-Din & Sons, 6 Rehman Gali, Railway Road, Lahore
689	8481.3000	Check Valves	ANSI B 16.5; upto 24" dia (excluding valves complying with valid API 6D ans NACE compliance)	Cast Steel/ Carbon Steel	A216 GrWCB	Ghulam Mohi-ud-Din & Sons, 6 Rehman Gali, Railway Road, Lahore
690	8481.4000	Air Relief Valves	Kinetic; upto 24" dia (excluding valves with NACE compliance and with valid API 6A & 6D certification except those under PCT 7306.1000)	Cast Iron	Grade 14 Mechanite Type GD	Ghulam Mohi-ud-Din & Sons, 6 Rehman Gali, Railway Road, Lahore
691	8481.8090	Gate Valves/ Sluice Valves	B.S.S. 5163, 5150, 3464, 1218, AWWA C-500; upto 24" dia (excluding valves with NACE compliance and with valid API 6A & 6D certification except those under PCT 7306.1000)	Cast Iron	Grade 14 Mechanite Type GD	Ghulam Mohi-ud-Din & Sons, 6 Rehman Gali, Railway Road, Lahore
692	8481.8090	Gate Valves	ANSI B 16.5; upto 24" dia (excluding valves with NACE compliance and with valid API 6A & 6D certification except those under PCT 7306.1000)	Cast Steel/ Carbon Steel	A216 GrWCB	Ghulam Mohi-ud-Din & Sons, 6 Rehman Gali, Railway Road, Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
693	8481.8090	Gate Valves	Cast Steel Gate Valves Flanged OS & Y Type Solid Wedge. 2" to 18" (excluding valves with NACE compliance and with valid API 6A & 6D certification except those under PCT 7306.1000)	As per API - 600	ASTM-A 216 WCB	Popular Pipe Fitting Manufacturers 24-Shalamar Town Lahore
694	8481.8090	Globe Valves	Cast Steel Globe Valves Flanged 2" to 14" (excluding valves complying with NACE and having valid API 6D)	--	ASTM-A 216 WCB	Popular Pipe Fitting Manufacturers 24-Shalamar Town Lahore
695	8481.8090	C.I. Gate Valves	Cast Iron Gate Valves Flanged 2" to 20"	--	Grey Cast Iron	Popular Pipe Fitting Manufacturers 24-Shalamar Town Lahore
696	8481.8090	C.I. Globe Valves	Cast Iron Globe Valves Flanged 2" to 14"	--	Grey Cast Iron	Popular Pipe Fitting Manufacturers 24-Shalamar Town Lahore
697	8481.8090	C.I. Check Valves	Cast Iron Check Valves Flanged 2" to 16"	--	Grey Cast Iron	Popular Pipe Fitting Manufacturers 24-Shalamar Town Lahore
698	8481.8090	C.I. Rubber Diaphragm Valves	Cast Iron Rubber Diaphragm Valves 2" to 10"	--	Grey Cast Iron	Popular Pipe Fitting Manufacturers 24-Shalamar Town Lahore
699	8483.3010	Bearings, Plain Shafts, excluding carbon or graphite.	Self Lubricating, Sintered bearings. a) Inner Diameter : 40mm b) Outer Diameter: 50mm c) Lengths : 65mm	Cylindrical, Flanged and Spherical.	97% Iron & 3% Copper, 80% Iron & 20% Copper, 80% Copper and 20% Iron and 100% Bronze.	Adamjee Engineering (Pvt.) Ltd. Plot No. 1 & 16, Sector 20, Korangi Industrial Area Karachi
700	8483.4090	Gears, power transmission,	Dia M25 ~ M100 High Ni,Cr and low carbon steel	SAE 8620/8640	C% 15~20 Ni% 0.20~0.35 Cr% 0.18~0.24 P% 0.03~0.05 S% 0.03~ 0.05	Mirza Younas & Co. Zahoor Coloney Momin Pura Road, Near Bhatta Daroghawala,Lahore  Amin Mechanical Industries Ramswami Nishter Road, Karachi
701	8483.4090	Gears, power transmission	Ring, spiral bevel, spur, shafts & couplers	Hardened and carburized	Various grades of mild steel	Millat Equipment Ltd. 10 KM, Raiwind Road Lahore
702	8501.4010	Single Phase Squirrel cage electric induction motors	200V-240V, 50HZ, Range : 0.5 HP (0.37KW) to 2HP (1.5KW)	--	--	MECO (Pvt) Ltd. Peco Road, Kot Lakhpat, Lahore
703	8501.5190	3-Phase Vertical hollow shaft electric motors.	380V-480V, 50/60 Hz Range : 10HP (7.5Kw) to 220Hp (164Kw)	--	--	MECO (Pvt) Ltd. Peco Road, Kot Lakhpat, Lahore
704	8501.5190	Motors, AC, multi-phase	3 phase squirrel cage Induction motor excluding flame proof motors, Range 0.5HP (370W) to 1.005 HP ( 750 W )	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
705	8501.5290	Motors, AC, multi-phase	a) 3 phase squirrel cage Induction motor excluding flame proof motors. Range Exceeding 1.005 HP ( 750 W ) to 100.5 HP ( 75 KW) b) 3 phase squirrel cage hallow shaft Induction motors Range exceeding 1.005 HP ( 750 W ) to 100.5 HP ( 75 KW) up to 500 V, 50/60 HZ	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700
706	8501.5310	Motors, AC, multi-phase	a) 3 phase squirrel cage Induction motor excluding flame proof motors. Range Exceeding 1.005 HP ( 75kW) to 500 HP ( 375 KW) b) 3 phase squirrel cage hallow shaft Induction motors range exceeding 10 HP ( 7.5kW ) to 220 HP (164kW) up to 500 V, 50/60 HZ	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700
707	8501.6100	AC alternators	3 Phase synchronous alternators, Range 5kVA to 75 kVA, upto 500V, 50/60 Hz (b) Single phase synchronous alternators, Range 5kVA to 75 kVA, upto 500V, 50/60 Hz	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700
708	8501.6200	AC alternators	3 Phase synchronous alternators, Range 75 kVA to 375 kVA, upto 500V, 50/60 Hz (b) Single phase synchronous alternators, Range 75 kVA to 375 kVA, upto 500V, 50/60 Hz	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700
709	8501.6300	AC alternators	3 Phase synchronous alternators, Range exceeding 375 kVA to 750 kVA, upto 500V, 50/60 Hz (b) Single phase synchronous alternators, Range exceeding 375 kVA to 500 kVA, upto 500V, 50/60 Hz	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700
710	8501.6410	AC alternators	3 Phase synchronous alternators, Range exceeding 750 kVA to 1100 kVA, upto 500V, 50/60 Hz	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700
711	8502.1110	Diesel Power Generating Sets	3 phase range 5 kVA upto 500V, 50/60 Hz (b) single phase range 5kVA upto 500V, 50/60 Hz	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700
712	8502.1120	Diesel Power Generating Sets	3 phase range above 5 kVA to 20 kVA (b) single phase range over 5 kVA to 20 kVA, upto 500V, 50/60 Hz	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700
713	8502.1130	Diesel Power Generating Sets	3 phase range above 20 kVA to 50 kVA (b) single phase range over 20 kVA to 50 kVA, upto 500V, 50/60 Hz	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
714	8502.1190	Diesel Power Generating Sets	3 phase range above 50 kVA to 75 kVA (b) single phase range over 50 kVA to 75 kVA, upto 500V, 50/60 Hz	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700
715	8502.1190	Diesel Power Generating Sets	20 KW - 75 KW Diesel Daewoo, Perkins, Peugeot	--	--	Gresham's Eastern (Pvt) Limited F-302, S.I.T.E, Karachi
716	8502.1200	Diesel Power Generating Sets	Powermaster, Diesel/ Gas Daewoo/Perkins/ Detroit Diesel/MTU Output over 125 kW, but not over 375	--	--	Gresham's Eastern (Pvt) Limited F-302, S.I.T.E, Karachi
717	8502.1200	Diesel Power Generating Sets	75~150 KW Daewoo / Perkins Output over 75 kW, but not over 125	--	--	Gresham's Eastern (Pvt) Limited F-302, S.I.T.E, Karachi
718	8502.1310	Diesel Power Generating Sets	(a) 3 phase range above 375kVA to 1100 kVA upto 500V, 50/60 Hz (b) Single phase range above 375 kVA to 500kVA, upto 500V, 50/60 Hz	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700
719	8502.1310	Diesel Power Generating Sets	Daewoo/ MTU - Diesel Output over 375 kVA, diesel-driven	--	--	Gresham's Eastern (Pvt) Limited F-302, S.I.T.E, Karachi
720	8502.2000	Diesel Power Generating Sets	20KV to 100 KV Petrol Ford/Iveco Output not over 100 kVa, petrol-driven	--	--	Gresham's Eastern (Pvt) Limited F-302, S.I.T.E, Karachi
721	8502.2000	Diesel Power Generating Sets	100 to 250 KVa Ford/ IVECO Output not over 100 KVa, petrol-driven	--	--	Gresham's Eastern (Pvt) Limited F-302, S.I.T.E, Karachi
722	8504.2100	Transformers	Liquid dielectric distribution transformers with power handling capacity 5 kVA to 650 kVA and voltages 230V to 132000V. Related use at nominal system voltage upto 145000V and current rating upto 6000A.	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700
723	8504.2100	Transformers	<u>Distribution Transformers (Pole Mounted)</u> - Capacity: 25 KVA to 630 KVA - 11 KVA/ 415 Volt Step Down - 33 KV/ 415 Volt Step Down - 11 KVA / 420 Volt Step Down <u>Pad Mounted Transformer (Kiosk)</u> - Capacity: 63 KVA (Single Phase), 100 KVA, 200 KVA (3-Phase) with H.V. & L.V. Panels (Step Down)	--	--	Transfopower Industries (Private) Limited 2 Km, Katar Bund Road, Off. Multan Road, Thokar Niaz Beg, Lahore
724	8504.2200	Transformers	Liquid dielectric distribution transformers with power handling capacity exceeding 650 KVA but not exceeding 10,000 KVA and voltages 230V to 132000V. Related use at nominal system voltage upto 145000 volts and current upto 6000 Amps	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
725	8504.2200	Power Transformers / Furnance Transformers/ Special Transformers	<u>Power Transformers</u> - Capacity: 750 KVA to 5000KVA - 11 KVA/ 415 Volt Step Down - 33 KV / 415 Volt Step Down - 11 KVA/ 420 Volt Step Down <u>Furnance Transformers</u> - Upto 5000KVA - Specific requirement of the Customers <u>Special Transformers</u> - Upto 5000KVA - Specific requirement of the Customers	--	--	Transfopower Industries (Private) Limited 2 Km, Katar Bund Road, Off. Multan Road, Thokar Niaz Beg, Lahore
726	8504.2300	Transformers	Liquid dielectric distribution transformers with power handling capacity over 10,000 KVA voltages 230V to 132000V. Related use at nominal system voltage upto 145000V and current rating upto 6000A and Power Transformers with power handling capacity exceeding 10000 KVA upto 160 MVA, 220 KV related use at nominal system voltage upto 145,000 volts and current rating upto 6000 amps	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700
727	8504.3100	Instrument Transformers	Power Handling capacity not exceeding 1 KVA (Dry Type)  As per IEC / WAPDA / KESC Specifications	Oil Immersed	--	Johnson & Phillips (Pakistan) Ltd. C-10, South Avenue, S.I.T.E. P.O Box No. 3603, Karachi - 75700
728	8504.3200	Distribution Transformers	<u>Distribution Transformers (Pole Mounted)</u> - Capacity: 5 KVA to 15 KVA - 11 KVA/ 415 Volt Step Down - 33 KV/ 415 Volt Step Down - 11 KVA / 420 Volt Step Down	Pole Mounted  As per IEC/ WAPDA/ KESC Specifications	--	Transfopower Industries (Private) Limited 2 Km, Katar Bund Road, Off. Multan Road, Thokar Niaz Beg, Lahore  Johnson & Phillips (Pakistan) Ltd. C-10, South Avenue, S.I.T.E. P.O Box No. 3603, Karachi - 75700
729	8504.3300	Transformers	Power Handling capacity exceeding 16 KVA but not exceeding 500 KVA As per IEC / WAPDA / KESC Specifications	Oil Immersed	--	Johnson & Phillips (Pakistan) Ltd. C-10, South Avenue, S.I.T.E. P.O Box No. 3603, Karachi - 75700
730	8504.3400	Transformers	Ratings upto 160MVA, Voltage rating upto 220KV, Oil filled type, standard IEC76,	--	--	Heavy Electrical Complex Industrial Estate Distt. Haripur

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
731	8504.3400	Power Transformers / Furnance Transformers/ Special Transformers	<u>Power Transformers</u> - Capacity: 750 KVA to 5000KVA - 11 KVA/ 415 Volt Step Down - 33 KV / 415 Volt Step Down - 11 KVA/ 420 Volt Step Down <u>Furnance Transformers</u> - Upto 5000KVA - Specific requirement of the Customers <u>Special Transformers</u> - Upto 5000KVA - Specific requirement of the Customers	As per IEC/ WAPDA/ KESC Specifications	--	Transfopower Industries (Private) Limited 2 Km, Katar Bund Road, Off. Multan Road, Thokar Niaz Beg, Lahore  Johnson & Phillips (Pakistan) Ltd. C-10, South Avenue, S.I.T.E. P.O Box No. 3603, Karachi - 75700
732	8504.4010	Uninterrupted power supply (UPS)	500VA to 6600VA	Standard & Long Backup	--	Saltec Powerlink 18C/5, Khyabane Tanzeem DHA 5 , Karachi
733	8504.4090	Rectifiers, electric	Rectifiers categorized by DC voltage rating and the load current in a standard voltage rating of 24V, 48V/ 220V- AC to 48V/24V-DC power supply Coulomb-1000	Metal body	--	Comcept Private Limited Plot No. 291, Street No. 03, Sector I-9/3, Islamabad
734	8504.4090	Rectifiers, electric	200Vac to 48VDC, 10 to 40 Amps with or without battery backup (0.5 to 8 hours) SMPS technology	--	--	Saltec Powerlink 18C/5, Khyabane Tanzeem DHA 5 , Karachi
735	8504.4090	Power Supply Units for Military Vehicles	Input 19-36 VDC, Output 24VDC at 6-Amps and 24 Amps for 15 mSec & 50 VDC at 1.5 Amps Voltage Regulation- 20% Max	--	--	East West Infiniti (Pvt) Ltd. Plot 146 Industrial Triangle, Kahuta Road, Islamabad
736	8504.6090	Speed Checking System for Vehicular Traffic	Speed Sensors capable of reading at up to 1.5 KM High resolution digital still camera / video recorder Number plate / Drivers face recognition Named / Unnamed operation modes Wireless communication enabled for remote	--	--	East West Infiniti (Pvt) Ltd. Plot 146 Industrial Triangle, Kahuta Road, Islamabad
737	8506.1000	Dry Battery Cell	R-20 (UM-1) & R-6 (UM-3) smanganese Dioxide, non-rechargeable	--	--	Kohinoor Battery Mfrs. (Pvt) Ltd., Tibet Centre, M.A. Jinnah Road, Karachi-74400
738	8506.1000	Dry Battery Cell	Size: R-20, R-6 & R-3	--	--	Indus Battery Industries (Pvt) Ltd. F-244, Manghopir Road S.I.T.E Karachi
739	8507.2090	Industrial Cell	2-6 Volts (For standby Storage, switch gears, Solar Panels etc.)	--	--	Exide Pakistan Ltd. A/45, Hill Street, P.O. Box No. 3680 SITE Karachi-75400
740	8514.2000	Furnaces, Induction or dielectric, electric,	From 50kg upto 50MT	--	--	Electro Heat (Pvt) Ltd 10-km Ottawa More G.T. Road, Gujranwala

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
741	8516.9000	Electric Panels for heaters	220/240 V A.C. , Wattage 2000-3000 Flange 2.5" BSW	Material Copper, incoloy, SS, Titanium, Dia 8mm, Length 11", 14", 18", 23", 27", 30", 36"	--	Tesla Industries Pvt. Ltd. Plot No. 81-F, St. 6, I-10/3 Islamabad
742	8517.1210	Fixed Wireless Terminals (FWT)	FWT-1000G: Fixed Wireless GSM Terminal for add on for PABX FWT	--	--	Comcept Private Limited Plot No. 291, Street No. 03, Sector I-9/3, Islamabad
743	8517.1210	Wireless payphones	GSM wireless payphone Terminal (Model: PWT 1400G) PWT 1400G is an Integrated GSM wireless payphone (Indoor) supports a broad range of voice and data services i.e. Standard payphone operation, fax transmission, Internet access, with built in GSM transceiver in tri band 900MHz, 1800MHz & 1900MHz.	--	--	Comcept Private Limited Plot No. 291, Street No. 03, Sector I-9/3, Islamabad
744	8517.1220	Fixed Wireless Terminals (FWT)	Fixed Wireless Terminals Based on CDMA technology, supports CDMA bandwidth, and provide data, voice and SM services through the CDMA network with frequency of 450 MHz and 1900 MHz.	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
745	8517.1220	Fixed Wireless Terminals (FWT)	Based on CDMA technology, supports CDMA bandwidth and provide data, voice and SM services through the CDMA network. Main functions as below: 1). Voice communication function. 2). UIM-card: Supporting UIM-card function. 3). Data communication function: Packet, Asynchronous data and PC fax services. 4). Security: PIN-Locking functions.	--	--	Zhongxing Telecom (ZTE) Pakistan (Pvt.) Ltd. Plot # 424, Street # 16, I-9/3, Opp I-9 Police Station, Islamabad
746	8517.1290	Telephone sets, Line transmission, without cordless	Land Line & GSM Payphone	--	--	MicroTech Industries 2nd Floor, Simla Tower, 5-Davis Road , Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
747	8517.1290	Telephones, card-operated	Wireline Chipcard Based Indoor and Outdoor Payphone (Models:PT1100, PT1400, PTO2000) Comprehensive call logging and reporting facility. Complete remote configuration, Management and control through NMS. Security against fraud. Multi-level alarm reporting facility. Incoming call barring facility. Multiple call charging options. Self-test and diagnostic for on-site maintenance. 4Kbyte tariff table storage capacity, Visual on-line up-date of call charges to user. 20 x 4 character display. Built-in modem. Functional keys with programmable option. Line-powered with line voltage of 48V or 60V DC . Reads all chip cards conforming to ISO 7816.	Plastic Casing in three catching colors with a so	--	Comcept Private Limited Plot No. 291, Street No. 03, Sector I-9/3, Islamabad
748	8517.6260	Multiplexers	Digital Pair Gain System HDSL (High bit rate Digital Subscriber Loop) based pair gain system to provide 4, 8, 11 or 12 clear 64 Kb/s subscriber Lines over a Single pair of copper wires.	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
749	8517.6260	Multiplexers	Optical Fibre Access Networking System Optical Fibre Access Networking consisting of Optical Line Terminal (OLT) units and Optical Network Unit (ONU) for provision of voice, data and multi media services including POTs, ISDN, xDSL.	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
750	8517.6290	PABX	Megaswitch-500 Upto 500 Lines	--	--	Megatech Communications (Pvt.) Ltd. 47, Banglore Town Off: Tipu Sultan Road. Karachi
751	8517.6290	PABX	Megaswitch-100 Upto 150 Lines	--	--	Megatech Communications (Pvt.) Ltd. 47, Banglore Town Off: Tipu Sultan Road. Karachi
752	8517.6290	PABX	Megaswitch Series 50 Upto 48 Lines	--	--	Megatech Communications (Pvt.) Ltd. 47, Banglore Town Off: Tipu Sultan Road. Karachi
753	8517.6290	PABX	Megaswitch Serires 30 Upto 32 Lines	--	--	Megatech Communications (Pvt.) Ltd. 47, Banglore Town Off: Tipu Sultan Road. Karachi
754	8517.6290	PABX	Telemate-XII (2+10 Lines)	--	--	Megatech Communications (Pvt.) Ltd. 47, Banglore Town Off: Tipu Sultan Road. Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
755	8517.6290	Telephone exchanges	Fixed Line Telephone Switching System (ZXJ10) This Switch has distributed modularized structure that consists of modules and cards that work together in a complete task. The total quantity of modules & cards is 32 amongst 25	--	--	Zhongxing Telecom (ZTE) Pakistan (Pvt.) Ltd. Plot # 424, Street # 16, I-9/3, Opp I-9 Police Station, Islamabad
756	8517.6290	Telephone exchanges	Standard	--	--	Telephone Industries of Pakistan Khanpur Road, Haripur
757	8517.6290	Telephone exchanges	Configuration Types: Local Exchange Tandem Exchange Transit Exchange International Gateway Functions: Voice switching / network (PSTN) Data switching / network Intelligent Network Connectivity: 200,000 subscribers per exchange. 60,000 ports per exchange.	--	--	Alcatel Pakistan (Pvt) Ltd. Sector H-8/4 Islamabad
758	8517.6290	Telephone exchanges	Modern electronic digital switching system (EWSD)	--	--	Telephone Industries of Pakistan Khanpur Road, Haripur
759	8517.6290	PABX	Automatic Call Distribution System Microprocessor controlled / Computer Telephony Integration based Automatic Call Distribution System for call centre applications.	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
760	8517.6290	PABX	RDBX - Rural Digital Branch Exchange Microprocessor controlled RDBX, 3 Trunks + 24 Subscriber Lines, upgradable to 360 Ports (including ISDN BRA), with remote billing data download facility.	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
761	8517.6980	Multiplexers	Synchronous Digital Hierarchy (SDH) Multiplexer Equipment Digital add/drop multiplexing system, for 21 - 63 E1 (STM1), 252 E1 (STM4) and 1008 E1 (STM16) with output streams of 155Mb/s and 2.5 Gb/s for backbone, junction and spur	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
762	8517.6980	Multiplexers	Flexible Multiplexer System Flexible PCM (pulse Code Modulation) add/drop multiplexing system for 30 to 120 speech/data channels for use with copper, radio and optical fiber communication link.	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
763	8517.6980	Multiplexers	Access Multiplexer System PCM (Pulse Code Modulation) multiplexing system for access applications of 30 to 120 speech/data channels on copper, radio or optical fiber communication link	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
764	8517.6980	Multiplexers	Flexible Multiplexer System Flexible PCM (pulse Code Modulation) add/drop multiplexing system for 30 to 120 speech/data channels for use with copper, radio and optical fiber communication link.	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
765	8517.6990	Optical Transmission Equipments (Optical Transmission Products SDH,NG-SDH)	NG-SDH integrates the functions of traditional SDH (including ADM, TM, REG), DXC IP/ATM and DWDM in one. The system support the following functions: 1). MSTP (Multi-Service Transport Platform) function. 2). Provide high-speed, large capacity information transmission. 3). Offer multi service access of STM-64/OC-192, STM 16/OC-48, STM-4/OC-12, STM-I/OC-3, E4, E3/T3, E1/T1, 10M/100M, GE, ATM, ESCON etc. 4). Suitable for the transmission of IP and ATM services. 5). Perform multi protocol encapsulation, virtual concatenation, bandwidth share, service convergence, VLAN partition-LCAS, STP, etc. 6). Has the functions of ATM cell exchange, service convergence, statistic multiplex and VP-ring.	--	--	Zhongxing Telecom (ZTE) Pakistan (Pvt.) Ltd. Plot # 424, Street # 16, I-9/3, Opp I-9 Police Station, Islamabad
766	8517.6990	Line Protection Units	LPU: Line Protection Units Misuse protection and direct communication with network Management System.	--	--	Comcept Private Limited Plot No. 291, Street No. 03, Sector I-9/3, Islamabad
767	8518.2100	Loudspeakers, Single, mounted in their enclosures	Speaker for Car Radio & Cassette player	--	--	Automate Industry C-23, Estate Avenue, S.I.T.E , Karachi
768	8519.8910	CD players, audio, without sound recording device	Radio CD/MP3 Players	--	--	Automate Industry C-23, Estate Avenue, S.I.T.E , Karachi
769	8523.2910	Cassettes, magnetic, audio, blank, width not over 4mm	Blank/Recorded	--	--	B. S. Magnetic (Pvt) Ltd. LA-1/8, Block 22, Federal B. Industrial Area Karachi
770	8523.2930	Cassettes, magnetic, audio, blank, width not over 4mm	Blank/Recorded	--	--	B. S. Magnetic (Pvt) Ltd. LA-1/8, Block 22, Federal B. Industrial Area Karachi
771	8523.4040	Discs, compact, audio, blank, excluding magnetic	CD	--	--	Multi Media Manufacturers LA-5/5, Block 22, Federal B. Industrial Area, Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
772	8523.4040	Discs, compact, audio, recorded	Compact Disc and DVD	--	--	Multi Media Manufacturers LA-5/5, Block 22, Federal B. Industrial Area, Karachi
773	8523.4050	CD-R, blank, for computer	CD-R (Blank)	--	--	Oyster Technologies (Pvt) Ltd Plot No.08, Sector 24, Korangi Industrial Area, Karachi
774	8523.4060	CD-R, blank, for computer	CD-R and DVD-R	--	--	Oyster Technologies (Pvt) Ltd Plot No.08, Sector 24, Korangi Industrial Area, Karachi
775	8525.5090	Apparatus, transmission, excluding video senders	Point to point, PDH Digital Radio System for Access and Mobile Networks, to carry 30 to 480 voice/data channels in multiples of 2Mb/s upto 16X2 Mb/s (16E1), in frequency bands of 7, 8, 10, 13, 15, 18, 23, 26 and 38 GHz.	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
776	8525.5090	Apparatus, transmission, excluding video senders	Point to point, SDH Digital Radio System (STM1) for Access and Mobile Networks, with capacity of 21X2 Mb/s (Sub-STM1) to 63X2 Mb/s (STM1), in frequency bands of 7, 8, 13, 15, 18, 23, 26 and 38 GHz	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
777	8525.5090	Apparatus, transmission, excluding video senders	Single Channel point to point VHF Radio System In the frequency band of 146-174MHz for extension of Subscriber Lines to remote site.	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
778	8525.5090	Apparatus, transmission, excluding video senders	Multi Channel Digital Radio (MCDR) point to pointMCDR operating in UHF Band of 370-470 MHz having 4, 8 and 16 channels with clear 64 Kbits per channel transmission rate.	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
779	8525.5090	Ground to Air UHF / VHF / FM Communication Radio	Synthesized VHF/UHF Transceivers 32 Programmable channels, Channel scanning , Dual Channel ( ) Watch 108 ~ 137 MHz & 225-400 MHz frequency ranges Built in Test equipment	--	--	East West Inifiniti (Pvt) Ltd. Plot 146 Industrial Triangle, Kahuta Road, Islamabad
780	8525.5090	Upgraded VHF/FM Radio Set VHF/ FM Frequency Hopping Manpack & Vehicular Radio Sets	PRC-77/PK - Operating Voltage 4.5 VDC - Storage Temperature -20 To +60C - Environmnetal Temperature -15 TO +55C <u>9600 Series</u> - Operating Temp Range -40 to +60C - Storage Temperature -55 To +70C - Environmnetal Temperature 3120	--	--	National Radio Telecommunication Corporation Marketing & Sales Deptt National Radio Telecommunication Corporation T&T Colony Haripur

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
781	8525.6020	Payphone	WLL CDMA Wireless Payphone Terminal (Model: PWT1400C) PWT1400C with standard antenna connection to establish RF link with the corresponding CDMA based station of a cellular or WLL network and wireless payphone operation takes place.	--	--	Comcept Private Limited Plot No. 291, Street No. 03, Sector I-9/3, Islamabad
782	8525.6020	Payphone	PWTO 2000G: GSM Wireless out door Payphone Terminal chip card outdoor wireless payphone, built In GSM transceiver in tri band 900 MHz.	--	--	Comcept Private Limited Plot No. 291, Street No. 03, Sector I-9/3, Islamabad
783	8525.6060	Vehicle Tracking System	Vehicle Tracking System	--	--	MicroTech Industries 2nd Floor, Simla Tower, 5-Davis Road , Lahore
784	8527.2110	Players, radio cassette, for motor vehicles	Car Radio/Cassette/CD/MP3 Players, Speakers. Antenna	--	--	Automate Industry C-23, Estate Avenue, S.I.T.E , Karachi
785	8528.7211	Television sets, colour	Liquid crystal display (LCD)	--	--	Dynasel Ltd. 20/II, Block-D, Model Town, Lahore  New Allied Electronics Industries (Pvt) Ltd. 7th Floor, Lakson Squire Building No.1, Sarwar Shaheed Road, Karachi  Singer Pakistan Ltd. 608, 6th Floor, Beaumont Plaza, Beaumont Road, Near PIDC House, Karachi
786	8528.7212	Television sets, colour	Compatible NTSC/PAL	Image displays	--	Sysco Industrial Company 4th Floor Al-Hayat Centre 14/A Hall Road Lahore
787	8528.7212	Television sets, colour	14", 20", 21", 25" 29" Luminar Brand Color TV Sets	--	--	S.N.H Industries (Pvt.) Ltd. L-9 Block 21 F. B Industrial Area Karachi 75950

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
788	8528.7212	Television receiver sets, colour, black & white or other monochrome.	Colour Television Sets of screen sizes 14" to 62" including Conventional type TV sets, Flat TV sets, Projection TV sets, Plasma TV sets.	--	--	Dynasel Ltd. 20/II, Block-D, Model Town, Lahore  New Allied Electronics Industries (Pvt) Ltd. 7th Floor, Lakson Sqaire Building No.1, Sarwar Shaheed Road, Karachi  Singer Pakistan Ltd. 608, 6th Floor, Beaumont Plaza, Beaumont Road, Near PIDC House, Karachi
789	8528.7220	Receiver sets	Reception apparatus for receiving satellite signals of a kind used with TV (Satellite dish receivers)	--	--	Dynasel Ltd. 20/II, Block-D, Model Town, Lahore  New Allied Electronics Industries (Pvt) Ltd. 7th Floor, Lakson Sqaire Building No.1, Sarwar Shaheed Road, Karachi  Singer Pakistan Ltd. 608, 6th Floor, Beaumont Plaza, Beaumont Road, Near PIDC House, Karachi
790	8529.1090	Aerials and aerial reflectors for radios and	Outdoor Antenna, Outdoor antenna for WLL/CDMA Phones - Fixed Wireless Terminals (FWTs)	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
791	8529.1090	Antennas for radios and television sets	Antenna Ass'y for Car Radio	--	--	Automate Industry C-23, Estate Avenue, S.I.T.E , Karachi
792	8529.9090	Mobi Router (GSM Call Router)	Mobi Router (GSM Call Router)	--	--	MicroTech Industries 2nd Floor, Simla Tower, 5-Davis Road , Lahore
793	8529.9090	Aerials and aerial reflectors for radios and	High Performance Parabolic Antenna High performance randomized, Single or dual polarized antennae, with diameter of 0.3, 0.6, 1.2, 2 meters In frequency bands of 7, 8, 10, 13, 15, 18, 23, 26 and 38 GHz.	--	--	Carrier Telephone Industries Pvt. Ltd. Sector I-9/2, Industrial Area, P.O. Box 1098, Islamabad
794	8529.9090	Television body	Plastic Covers front and back for televisions	--	--	Synthetic Products Enterprises (Pvt) Ltd. 127-S S.I.E Kotlakhpat Township Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
795	8531.9090	Electronic Field Telephones Inter Trench Communication (ITC-2000)	<u>EFT-101</u> - Operating Voltage 4.5VDC - Fre Range 300 to 3400 Hz - Impedance 600 Ohms <u>ITC-2000</u> - Operating Voltage 4.5VDC - Environmental Temperature -15 to +55C - Impedance -20 to +60C	Military standards	--	National Radio Telecommunication Corporation Marketing & Sales Deptt National Radio Telecommunication Corporation T&T Colony Haripur
796	8532.1000	Capacitors, fixed, power	Single Phase capacitors for voltage up to 2000 V, Three Phase Capacitors for voltage up to 1000 V, 50 and 60 Hz, dry type as well as oil impregnated, In rating up to 200 kVAR.	--	--	Amber Capacitors Ltd. 16 Link McLeod Road, Lahore
797	8532.1000	L.V. Power factor improvement capacitors single phase and three phase	0.50 KVAR upto 200 KVAR 220 VAC upto 660 VAC	Plastic and Aluminum Body	--	Khawaja Electronics (Pvt) Ltd. # 2-3, 1st Floor, Hafeez Center, Main Boulevard, Gulberg-III, Lahore-54660
798	8532.2200	Capacitors, fixed, Aluminum electrolytic	Capacitors in Voltages up to 440V 50/60 Hz, rating up to 400 MFD	--	--	Amber Capacitors Ltd. 16 Link McLeod Road, Lahore
799	8532.2200	Capacitors for motor start application	20UF upto 400UF 100 VAC upto 660 VAC	Aluminum and bakelite body	--	Khawaja Electronics (Pvt) Ltd. # 2-3, 1st Floor, Hafeez Center, Main Boulevard, Gulberg-III, Lahore-54660
800	8532.2500	Capacitors, fixed, dielectric, of paper of plastic	Capacitors of voltage up to 660 V, 50/60 Hz, in aluminum and plastic casings	--	--	Amber Capacitors Ltd. 16 Link McLeod Road, Lahore
801	8532.2500	Capacitors for domestic appliances	0.50 uf upto 100 UF 100 V.A.C upto 660 V.A.C.	Plastic and Aluminum Body	--	Khawaja Electronics (Pvt) Ltd. # 2-3, 1st Floor, Hafeez Center, Main Boulevard, Gulberg-III, Lahore-54660
802	8532.2500	Special application capacitors	0.25 UF upto 3.0 UF 2 K.V upto 12K.V.	M.S & S.S. Container	--	Khawaja Electronics (Pvt) Ltd. # 2-3, 1st Floor, Hafeez Center, Main Boulevard, Gulberg-III, Lahore-54660
803	8534.0000	Printed Circuit Boards	Single, Double Sided and multilayer, rigid, bare with all types of finishes for all types of Electronic Products.	--	--	Micropak (Pvt) Ltd. 218, St.7, I-9/2, Industrial Area Islamabad
804	8535.2110 8535.2190 8535.2900	Circuit breakers	Automatic, voltage below 72.5 kV, Up to 17.5 kv  Oil / Vacuum Type	--	--	AREVA T& D Pakistan (Private) Limited (Formerly ALSTOM) D-163, S.I.T.E Karachi  Johnson & Phillips (Pakistan) Ltd. C-10, South Avenue, S.I.T.E. P.O Box No. 3603, Karachi - 75700

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
805	8535.3010	Fuses	Isolating Switches (Air Insulated) and make-and-break switches for a voltage upto 145kV	--	--	Emco Industries Limited 2nd Floor, Saudi Pak House, 14-Egerton Road, Lahore
806	8535.4010	Lightening Arrestors	Voltage limiters and Surge suppressors over 1 KV	--	--	Emco Industries Limited 2nd Floor, Saudi Pak House, 14-Egerton Road, Lahore
807	8536.4900	Annunciators	Transformer temperature gauges, Trip circuit DC supervision relays, Under Voltage relays, Motor protection relays, Panel humidity controllers, Timers, Flasher relays, Automatic transfer switch.	--	--	E-Labs 456/7, Lane12 A Iqbal Park Cantt. Lahore.
808	8536.4900	Digital Electronic Field Telephone Exchanges	<u>PFX-6416 and PFX-3208</u> - Power Requirement 220VAC/24VDC - Ring Voltage 90 VAC. 25 Hz - Operating Temperature -30 to +55C <u>PFX-1204</u> - Power Requirement 180 to 260VAC/24VDC - Ring Voltage 90 VAC. 25 Hz - Operating Temperature -30 to +55C <u>PFX-5200C</u> - Power Requirement 90 to 260VAC/48VDC - Ring Voltage 2000 Ohms - Operating Temperature -10 to +50C <u>Automag 412</u> - Power Requirement 220VAC/12VDC - Ring Voltage 90 V±20VAC - Operating Temperature -10 to +45C	--	--	National Radio Telecommunication Corporation Marketing & Sales Deptt National Radio Telecommunication Corporation T&T Colony Haripur

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
809	8536.5099	Electric Switches	Plugs and Socket-Outlets, voltage not over 1 KV, for household and similar purposes electrical switches, power plugs/sockets assemblies for household/ industrial application - outlets without interlock for fixed - outlets for selv - for adaptors - outlets with in terlock for fixed installations-Appliance couplers for - Part 2-1: Sewing machine couplers -Part 2-2: Interconnection couplers for household and similar equipment -- Part 2-3: Appliance coupler with a degree of protection higher than IPX0 - IEC system of plugs and socket-outlets - Part 1: 16 A 250 V a.c. -IEC system of plugs and socket-outlets - Part 2:15 A 125 V a.c. -IEC system of plugs and socket-outlets - Part 3: SELV plugs and socket-outlets, 16 A 6V, 12 V, 24 V, 48 V, a.c. and d.c. -"Plugs, socket-outlets, vehicle couplers and vehicle inlets - Conductive charging of electric vehicles - Part 1: Charging of electric vehicles up to 250 A a.c. and 400 A d.c." - surge voltages in low-voltage AC Power circuits-Radio-noise emissions from low-voltage electrical and electronic equipment in the range of 9 KHz to 40 GHz	--	Polycarbonate, Multigrade PVC,Cu 99.9%,ABS,PC,	The Crown Engineering Works (Pvt) Ltd. 17-KM, SHEikhupura Road, Lahore
810	8536.6100	Sockets for Natural Gas and LPG	Type: Bayonet, Angle Bayonet, Compression 10mm, Micro, Leakage test at 1 bar (1KV). Body: Brass (Forged), Size: 1/2:, 3/8",	--	--	Tesla Industries Pvt. Ltd. Plot No. 81-F, St. 6, I-10/3 Islamabad
811	8536.6910	DPs	- 10 Pairs - 20 Pairs - 50 Pairs - 100 Pairs	Pillar Type DPs, Pole Type, Cross Connectoin Cabinets, DP Thermo Plastic (Pole type)	--	National Radio Telecommunication Corporation Marketing & Sales Deptt National Radio Telecommunication Corporation T&T Colony Haripur

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
812	8536.6990	Electrical Plugs and Sockets	Plugs and Socket-Outlets, voltage not over 1 KV, for household and similar purposes electrical switches, power plugs/sockets assemblies for household/ industrial application - outlets without interlock for fixed - outlets for selv - for adaptors - outlets with in terlock for fixed installations-Appliance couplers for - Part 2-1: Sewing machine couplers -Part 2-2: Interconnection couplers for household and similar equipment -- Part 2-3: Appliance coupler with a degree of protection higher than IPX0 - IEC system of plugs and socket-outlets - Part 1: 16 A 250 V a.c. -IEC system of plugs and socket-outlets - Part 2:15 A 125 V a.c. -IEC system of plugs and socket-outlets - Part 3: SELV plugs and socket-outlets, 16 A 6V, 12 V, 24 V, 48 V, a.c. and d.c. -"Plugs, socket-outlets, vehicle couplers and vehicle inlets - Conductive charging of electric vehicles - Part 1: Charging of electric vehicles up to 250 A a.c. and 400 A d.c." - surge voltages in low-voltage AC Power circuits-Radio-noise emissions from low-voltage electrical and electronic equipment in the range of 9 KHZ to 40 GHz	--	Polycarbonate, Multigrade PVC,Cu 99.9%,ABS,PC,	The Crown Engineering Works (Pvt) Ltd. 17-KM, SHEIKHUPURA ROAD, LAHORE
813	8536.9090	Junction Boxes	Electrical Wiring Accessories , voltage not over 1 kV	--	--	Clipsal Pakistan (Pvt) Ltd. 101-102, Sector 15, Korangi Industrial Area, Karachi
814	8537.1090	Control Panels	L.T. Switchgear panels upto 690 Volts and lighting/power distribution boards, control lpanels, control signalling and relay panel for grid stations, rectifier panel upto 200 Amps. Motor Control Centres including Programmable Logic Controllers and related instrumentation and control equipment for industrial plants such as cement, sugar, steel rolling, low voltage switchgears PFI Plant.	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700
815	8537.1090	Control Panels	3 phase, upto 60KVA, protection panel for severe over voltage (slow & fast), phase-neutral reversal, etc.	Microprocessor based, with remote alarm interface	--	Saltec Powerlink 18C/5, Khyabane Tanzeem DHA 5 , Karachi
816	8537.1090	Switchboards	Direct-on-line starter 10 HP NSD starter 15 HP, Motor Control unit 25 HP, automatic starter of delta type of 50 HP, 5-250 HP ASD Starter, 5-15 HP DOL Starter.	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700
817	8537.2000	Control Panels	H.T.circuit breaker (Switchgear) panels upto 3150A & 24000 Volts, load break switch panel.	--	--	Siemens Pakistan Engineering Co. Ltd. B-72, Estate Avenue, SITE, P.O. Box No. 7158 Karachi-75700

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
818	8537.2000	Switchboards	Up to 17.5 kv	--	--	AREVA T& D Pakistan (Private) Limited (Formerly ALSTOM) D-163, S.I.T.E Karachi
819	8539.2200	Electric Bulbs	Bulbs from 25W to 200W, Life upto 1000 Hrs, voltage over 100 V	--	--	Khyber Electric Lamps 483/E-1, Tariq Road, Peshawar Cantt. Peshawar
820	8539.2200	Lamps, filament, tungsten halogen, electric	Clear & Coated GLS Lamps of wattage from 25-200 Watts. Clear & Coated Candle Lamps of 60 W. Color coated Luster Lamp of 15 W	--	--	Philips Pakistan F-54, S.I.T.E., Karachi
821	8539.2990	Lamps, filament, tungsten halogen, electric	Clear & Coated GLS Lamps of wattage from 25-200 Watts. Clear & Coated Candle Lamps of 60 W. Color coated Luster Lamp of 15 W	--	--	Philips Pakistan F-54, S.I.T.E., Karachi
822	8539.3100	Lamps, discharge, fluorescent, hot cathode	A60/B22, 100W, 60W, 40W, 25W A60/E27, 100W, 60W, 40W, 25W E60/B22, 100W, 60W, E60/E27, 100W, 60W, A80/B22, 200W, A80/E27, 200W, P45/B22, 15W, P45/E27, 15W, P35/B22, 60W, P35/E27, 60W, TL 40W/54 TL 20W/54 TLD 36W/54 TLD 18W/54 Glass Shells for lighting Product	--	--	Philips Pakistan F-54, S.I.T.E., Karachi
823	8539.3100	Lamps, discharge, fluorescent, hot cathode	Tube Lights 40/20 Watts and 36/18 Watts	--	--	Philips Pakistan F-54, S.I.T.E., Karachi
824	8539.3910	Energy Save Lamps	All Types	--	--	Khyber Electric Lamps 483/E-1, Tariq Road, Peshawar Cantt. Peshawar
825	8541.4090	Photovoltaic Modules (Solar Panels)	Maximum Power: 5 Watts to 270 Watts Nominal Voltage: 6V/ 12V / 24V	Photovoltaic Cells Junction Box: Plastic Frame: Aluminium Front Side: Tempered Glass Back Side: Tedlar Cell Encapsulation: EVA	--	Akhter Solar Limited Buland Markaz, 33-Blue Area Islamabad
826	8542.3300	Pair Gain System	Optical 4, 8 & 12 clear 64 Kbps channels over one single copper pair.	--	--	National Radio Telecommunication Corporation Marketing & Sales Deptt National Radio Telecommunication Corporation T&T Colony Haripur
827	8544.1110	PVC Cable	10mm to 300mm sq. (Excluding ultra violet treated cables)	Copper-Aluminium PVC, Polythene	--	Cable & Conductor Ltd. 1st Floor, 41 Civic Centre Barkat Market New Garden Town Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
828	8544.1190	PVC Cable	10mm to 300mm sq. (Excluding ultra violet treated cables)	Copper-Aluminium PVC, Polyethylene	--	Cable & Conductor Ltd. 1st Floor, 41 Civic Centre Barkat Market New Garden Town Lahore
829	8544.1190	Enamelled Copper Wire	Type of Varnish: Plyurethane, Polyester Imide; Diameter Test: Bare Dia as per international standard, Coated dia: Grade-2, Elangation Test of thin guages: 25% to 27%, Elangation Test of thick guages: 28% to 36%, Break Down Voltage Test: 6 Kv to 12 Kv (Excluding ultra violet treated cables)	--	--	Wahid Industries Ltd. G. T. Road, Gujrat
830	8544.2000	Stranded wire, cables, Aluminium not electrically insulated.	Range of Sizes: 1.5MM <sup>2</sup> to 1000MM <sup>2</sup> Voltage Grade: upto 220 KV BSS-6360, BSS-215 (Excluding ultra violet treated cables)	• AAC • ACSR	• Aluminium Electrical Grade	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
831	8544.2000	Insulated wire, cables	Single Core & Multicore (Including Co-axial cable) PVC/XLPE Range of Sizes: 0.5MM <sup>2</sup> to 1000MM <sup>2</sup> Voltage Grade: Up to 15KV BSS-6004, IEC-227, IEC-60227, IEC-502, IEC 60502, BSS-6346. Also as per others specifications e.g Europeans, American, Japanese,etc (Excluding ultra violet treated cables)	• Armoured / Un-Armoured • PVC Sheathed	• High Conductivity Copper • Electrical Grade PVC • XLPE	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
832	8544.2000	L.V cable	Copper or Aluminium conductor. XLPE or PVC insulated cable. Single Core & Multicore Range of Sizes: 1.5MM <sup>2</sup> to 1000MM <sup>2</sup> Voltage Grade: upto 1900/3300 volts BSS-6346, IEC-502, IEC -60502. Also as per others specification.e.g Europeans, American, Japanese,etc (Excluding ultra violet treated cables)	• Armoured / Un-Armoured • PVC Sheathed	• High Conductivity Copper • Aluminium Electrical Grade • Electrical Grade PVC • XLPE	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
833	8544.2000	M.V.Cables	Copper or Aluminium conductor, XLPE Insulated cable. SingleCore & Multicore Range of Sizes: 16MM <sup>2</sup> to 630MM <sup>2</sup> Voltage Grade: upto 15000 volts IEC-502 IEC - 60502. Also as per others specification.e.g Europeans, American, Japanese,etc (Excluding ultra violet treated cables)	• Armoured / Un-Armoured • PVC Sheathed	• High Conductivity Copper • Aluminium Electrical Grade • Electrical Grade PVC • XLPE	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
834	8544.2000	Flexible Cables	Range of Sizes: 0.5MM <sup>2</sup> to 300MM <sup>2</sup> Voltage Grade: 300/500 Volts IEC-60227, BSS-6004, BSS-6500, IEC-227 Also as per others specification.e.g Europeans, American, Japanese etc (Excluding ultra violet treated cables)	• Armoured / Un-Armoured • PVC Sheathed	• High Conductivity Copper • Electrical Grade PVC	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
835	8544.2000	Control Cables PVC /XLPE Insulated	Range of Sizes: 5 Core to 61 Core Voltage Grade: upto 600/1000 Volts BSS-6346, IEC-502, IEC-60502. Also as per others specification.e.g Europeans, American, Japanese, etc (Excluding ultra violet treated cables)	• Armoured / Un-Armoured • PVC Sheathed	• High Conductivity Copper • Electrical Grade PVC • XLPE	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
836	8544.2000	Telephone Cables PVC Insulated	Range of Sizes: 1 Pair to 50 Pair Pakistan Cable's spec and as per others specification e.g Europeans,American, Japanese,etc (Excluding ultra violet treated cables)	Armoured / Un-Armoured	• High Conductivity Copper • Electrical Grade PVC	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
837	8544.2000	Air field lighting cable and Submersible Cables	Range of Sizes: as per Customers requirement Voltage Grade: a) Upto 5KV b) upto 600/1000 Volts As per customer required Specs and as per others specification. e.g Europeans,American, Japanese,etc (Excluding ultra violet treated cables)	PVC Sheathed	• High Conductivity Copper • Electrical Grade PVC	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
838	8544.2000	Welding Cable	Range of Sizes: 16MM <sup>2</sup> to 300MM <sup>2</sup> BSS-638 (Excluding ultra violet treated cables)	Rubber Sheathed	• High Conductivity Copper • Electrical Grade PVC	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
839	8544.2000	LSF Cable / HFFR for all GWC/LV/MV/ Flexible cable	Range of Sizes: as per Customers requirement IEC-60502, BSS-7211, BSS-6724 Also as per others specification. e.g Europeans,American, Japanese,etc (Excluding ultra violet treated cables)	• Low Smoke & Fume • Halogen Free Fire Retarded	• High Conductivity Copper • Electrical Grade PVC	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
840	8544.2000	Insulated Cable	Drop Wire and Spiral - 4 Range of Sizes: as per Customers requirement (Excluding ultra violet treated cables)	--	• High Conductivity Copper • Electrical Grade PVC	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
841	8544.2000	Shooting Wire	Voltage Grade: upto 300/500 Volts (Excluding ultra violet treated cables)	--	• High Conductivity Copper • Electrical Grade PVC	Pakistan Cables Limited B-21, SITE, P.O. Box No.5050, Karachi - 75700
842	8544.2000	Cables, co-axial	Cable Bond etc (Excluding ultra violet treated cables)	--	--	Automate Industry C-23, Estate Avenue, S.I.T.E , Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
843	8544.4910	Telephone Cables	All telephone cables i.e. telecommunication cables, indoor telephone cables, audio/radio frequency cables, junction cables, primary cables, secondary cables, jelly filled cables, drop wire, switch board & jumper cables.  (Excluding ultra violet treated cables)	--	--	Atlas Cables (Pvt) Limited, Karachi 9th Floor Textile Plaza, Mumtaz Hasan Road P.O. 5195, Karachi-74000  A.G.E. Cables 97-A Industrial Estate, Jamrud Road, Peshawar  Premier Cables 924/2 Gul-e-Rehmat Building Opposite Sabil Masjid, 18-C Clayton Road Guru Mandar Karachi-74800  Pakistan Telephone Cables Room No. 107, Elahi Center Preedy Street Saddar, Karachi-74400
844	8544.4920	Multicore cable	From 1 mm <sup>2</sup> to 400 mm <sup>2</sup> Voltage grade upto 1000 Volts BS 6004; BS 6346 (Excluding ultra violet treated cables)	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
845	8544.4920	Multicore Flexible Copper Cable	From 1 mm <sup>2</sup> to 400 mm <sup>2</sup> Voltage grade upto 1000 Volts BS 6004; BS 6500 (Excluding ultra violet treated cables)	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
846	8544.4920	Control Cables	With copper conductor 600/1000 volts WAPDA P100:2005 (Excluding ultra violet treated cables)	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
847	8544.4990	Telephone Cables	All telephone cables i.e. telecommunication cables, indoor telephone cables, audio/radio frequency cables, junction cables, primary cables, secondary cables, jelly filled cables, drop wire, switch board & jumper cables.  (Excluding ultra violet treated cables)	--	--	Atlas Cables (Pvt) Limited, Karachi 9th Floor Textile Plaza, Mumtaz Hasan Road P.O. 5195, Karachi-74000  A.G.E. Cables 97-A Industrial Estate Jamrud Road, Peshawar  Premier Cables 924/2 Gul-e-Rehmat Building Opposite Sabil Masjid, 18-C Clayton Road Guru Mandar Karachi-74800  Pakistan Telephone Cables Room No. 107, Elahi Center Preedy Street Saddar Karachi-74400
848	8544.4990	Electric Cables	Upto 1000 Volts Sizes: 0.005mm to 630mm (Excluding ultra violet treated cables)	--	--	Universal Cables Industries Ltd . 61-C, Jami Commercial Street # 7, Phase 7, D.H.A., Karachi.
849	8544.4990	PVC wiring cable	From 1 mm <sup>2</sup> to 1000 mm <sup>2</sup> Voltage grade upto 1000 Volts BS 6004 (Excluding ultra violet treated cables)	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
850	8544.4990	PVC Insulated Armoured Power Cable	From 16 mm <sup>2</sup> to 1000 mm <sup>2</sup> 600/1000 Volts BS 6346 (Excluding ultra violet treated cables)	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
851	8544.4990	Low smoke zero helogen Cable	From 1 mm <sup>2</sup> to 1000 mm <sup>2</sup> Voltage grade upto 1000 Volts BS 7846 (Excluding ultra violet treated cables)	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
852	8544.4990	Flame retardant cables	From 1 mm <sup>2</sup> to 1000 mm <sup>2</sup> Voltage grade upto 1000 Volts BS 6387 (Excluding ultra violet treated cables)	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
853	8544.4990	Air Field Lighting cable	FAAL-824 IEC 502 (Excluding ultra violet treated cables)	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore
854	8544.6000	Underground XLPE Insulated Medium voltage & High voltage Cable	Upto 15 KV IEC 502 (Excluding ultra violet treated cables)	--	--	Newage Cables (Pvt) Ltd. Newage Mansion Mcleod Road, Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
855	8544.7000	Optical fibre cables	1.Direct Buried/Armoured from 1 to 288 fiber count standard loose tube design (both dry block and jelly filled construction) 2.Duct Type/un-Armoured from 1 to 288 fiber count standard loose tube design (both dry block and jelly filled construction) 3.All Dielectric Self Supporting Aerial cable (ADSS) Un-armoured from 1 to 288 fibre count standard loose tube design (both dry block and jelly filled construction) 4.Direct Buried un-(Excluding ultra violet treated cables)	The cable is manufactured to withstand the harsh environments of underground direct buried or in ducts and against aerial stresses with customer required Tensile Strengths	The cable is manufactured with several co-polymer coated and several other materials like PBT, Thixotropic	Frontier Cable Industries (Pvt) Ltd. Plot No. 13, Phase 4, Hattar Industrial Estate, District Haripur, NWFP
856	8544.7000	Optical fibre cables	(Single Mode and Multimode,) Buried Cable, Duct Cable, Aerial Cable, Central loose tube cable, Gc-652 complied and Gc-655 Complied. Patch Cord and pigtail (all connector type) Single mode and Multimode Patch Cord, Pigtail. (Excluding ultra violet treated cables)	Cable dia 12 to 18 mm.	--	LT Engineering & Trade Services (Pvt) Ltd. Lub Thatto, Hassanabdal-43730
857	8546.2000	Insulators	Power Insulators	Tensile Strength of Insulators, 70Kn to 120KN	--	Emco Industries Limited 2nd Floor, Saudi Pak House, 14-Egerton Road, Lahore
858	8546.9000	Insulators, electric, excluding glass and ceramic	95 BIL at 210 PMA Size dia.75x130mm =17373 N as per Din 1451, CEI-ICE273 Size dia. 84x175mm =11938 N as per Din 1451, CEI-ICE273	--	--	AREVA T & D Pakistan (Private) Limited (Formerly ALSTOM) D-163, S.I.T.E Karachi
859	8607.1900	Wheels, locomotives or rolling-stock	Traction Pinion and Gears	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
860	8705.3000	Fire-engines	Fire fighting vehicles, built on locally-available Chasis	--	--	Haseen Habib Corporation [Pvt] Limited 27-Nicholson Road Lahore
861	8708.8010	Shock Absorber Parts	Sizes a) Outer Dia upto 50mm b) Height upto 40mm As per customers requirements.	Hardness of upto 90 HRB. Also includes Grindings & other secondary operations	Iron / Steel.	Adamjee Engineering (Pvt.) Ltd. Plot No. 1 & 16, Sector 20, Korangi Industrial Area Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
862	8709.1900	Airport Handling Equipment	Self Propelled Container / Pallet Transporter as per international aerospace standards AHM 910, AHM 911, AHM 913, AHM 915, AHM 969 Specification for Self Propelled / Truck Mounted Pax Step as per international aerospace standards AHM 910, AHM 913, AHM 915, AHM 920, ARP-836A Water Cart (Truck Mounted) as per international aerospace standards AHM 910, AHM 913, AHM 915, AHM 970, ISO 450 / 1796, AHM 904 Lavatory Vehicle (Truck Mounted) as per international aerospace standards AHM 910, AHM 913, , AHM 915, AHM 971, AHM 904	--	--	Tash International (Pvt) Ltd 26-29 Ground Floor , Dadabhoj Centre Main Sharae Faisal, Karachi-75530
863	8710.0000	Special Purpose Vehicle	Suction and jetting vehicles, fire fighting vehicles, crash tender, Rescue vehicle, recovery vehicles, wreckers, tow trucks, skip loaders, refuse compactor collector, street sweeper, beach sweeper, cranes, aerial ladder, snorkell, tank transporter, flatbed trailer, low bed trailer, Mobile workshop, mobile kitchen, mobile toilets etc.	--	--	Metal Engineering Works (Pvt) Ltd. S-4, S.I.T.E., Karachi
864	8716.9000	M.S. Shaft (Hot Rolled)	Range 25 to 175mm Length = 6 to 12 Mtr.	ASTM A-36, SR-24, AISI-1010, AISI-1017, A-36 and as per Pakistan Steel and Peoples Steel Mills Standard.	As Per Standard	Jabbar Steel Industry A-46/C S.I.T.E Near Pakistan Cable Karachi.
865	8803.9000	Drop tanks and air dispensers	Drop tanks and air dispensers for aircraft	--	--	Heavy Mechanical Complex (Pvt) Ltd. Taxila
866	8905.9000	Light-vessels	Range up to 4mm ~ 20 mm plate thickness	--	--	Descon Engineering Limited DESCON Manufacturing Business Area 2 KM Defence road, Off: KM Multan Road, Chung Lahore – 53000
867	8907.9000	Tanks, storage, floating	All type of floating storage tanks for oil feilds	Skid mounted storage tanks for fuels, eatable oils and water, round storage tankds with fixed proof for oil/ fuel, Round storage with floating roof for oil/ fuel.	--	Metal Engineering Works (Pvt) Ltd. S-4, S.I.T.E., Karachi

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
868	9018.3110	Regular Syringes	1-CC, 3-CC, 5-CC, 10-CC, 20-CC, 50-CC, 60-CC	E.O. Sterilized, 3-part, luer or slip lock, gasket, plunger, barrel. Precise calibrate graduation barrel mark scale printing. Needle with color hub.	Medical grade raw materials	Silver Surgical Complex (Pvt.) Ltd. Silver House, 11/E, Block-6, P.E.C.H.S., Karachi
869	9018.3110	Insulin Syringes	1-ml, 1-CC	E.O Sterilized single use 1-ml/CC insulin Unibody syringe with self destructive plunger, precise calibrate graduation barrel mark scale printing.	Medical grade raw materials	Silver Surgical Complex (Pvt.) Ltd. Silver House, 11/E, Block-6, P.E.C.H.S., Karachi
870	9018.3120	Regular Syringes	1-CC, 3-CC, 5-CC, 10-CC, 20-CC, 50-CC, 60-CC	E.O. Sterilized, 3-part, luer or slip lock, gasket, plunger, barrel. Precise calibrate graduation barrel mark scale printing. Needle with color hub.	Medical grade raw materials	Silver Surgical Complex (Pvt.) Ltd. Silver House, 11/E, Block-6, P.E.C.H.S., Karachi
871	9018.3940	Intravenous Catheters / IV Cannula and parts	14-G, 16-G, 18-G, 20-G, 22-G, 24-G, 26-G	E.O. Gas sterilized Radio Opaque Catheter tube. Stainless Steel needle with sharp grinded tip for easy insertion and painless cannulization. Providing of a vent fitting preventing blood escape and medicine. (3-types, injection port and straight).	Medical grade raw materials	Silver Surgical Complex (Pvt.) Ltd. Silver House, 11/E, Block-6, P.E.C.H.S., Karachi
872	9018.3940	One way stopper/ 3-way stopper	Connector for I.V. Cannula/ catheter	E.O. Sterilized, Blister pack, connector.	Medical grade raw materials	Silver Surgical Complex (Pvt.) Ltd. Silver House, 11/E, Block-6, P.E.C.H.S., Karachi
873	9018.4900	Scalers, dental	High grade	--	--	Acumen Surgical (Pvt) Ltd. Jinnah Town, Capital Road, Sialkot
874	9028.1000	Meters, gas	Gas Meter G 1.6 Gas Meter G 4	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
875	9028.1000	Gas Meters	<p>i) Gas Meters (G 1.6)</p> <ul style="list-style-type: none"> <li>- Max low rate(capacity) = 2.5 cubic meter per hour,</li> <li>- Min low rate (capacity) = 0.016 cubic meter per hour</li> <li>- Max working pressure = 1 bar,</li> <li>- Temperature range = 20-60C</li> </ul> <p>ii) Gas Meters (G-4)</p> <ul style="list-style-type: none"> <li>- Max low rate (capacity) = 6.0 cubic meter per hour,</li> <li>- Min low rate (capacity) = 1. cubic meter per hour,</li> <li>- Max working pressure = 1 bar,</li> <li>- Ttemperature range = 20-60C</li> </ul> <p>iii) Housing of Gas Meters Gas Meters (G-1.6) &amp; (G-4)</p>	--	--	Sui Southern Co. Ltd. (Meter Manufacturing Plant) ST-B/B-14, Sir Shah Muhammad Suleman Road Gulshan-e-Iqbal, Karachi
876	9028.3000	Meters, electricity	Solid State & Pre Paid Energy Meter	--	--	MicroTech Industries 2nd Floor, Simla Tower, 5-Davis Road , Lahore
877	9028.3000	Meters, electricity	<p>1)- Single Phase AC Energy Meters, 10/40 Amps, 240V, 50 Hz Accuracy Class-2 housed in polycarbonate meter box with magnetic bearing.</p> <p>2)- 3-Phase, 4-wire, 3-Element, Electromechanical AC Energy Meters, 15(90) Amps, 230/400V, 50 Hz, Accuracy Class 2.0 Housed in polycarbonate Meter box with L.E.D.s with Magnetic Bearings.</p> <p>3)- Static 3-Phase, 4-wire, whole current energy meter with multi rate tariff (Class-1) in polycarbonate cover.</p>	--	--	Escorts Pakistan Ltd Escorts House, 26-Davis Road Lahore
878	9028.3000	Meters, electricity	<p>Single Phase Meters 10 to 60 Amps</p> <p>3-Phase Meters 10 to 100 Amps</p> <p>CT &amp; PT Operated 3 Pahse Meters 5 Amps</p>	--	--	SB Electronics Engineering & Control (Pvt) Limited 1st Floor, Sanam Building, 37- Ferozepur Road Lahore
879	9028.3000	Meters, electricity	<p>Single Phase Electromechanical Meter, Single Phase Electronic Meter, Three Phase Electromechanical Meter; Three Phase Electronic Meter, MDI Meter (LT/HT), KVARH Meter (LT/HT), Three Phase CT Operated Electronic Meter, Prepaid Meter, Electronic Module for MDI</p>	--	--	Syed Bhais (Pvt) Ltd. 200 Ferozepur Road Lahore 54600

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
880	9028.3000	Meters, electricity	Single Phase Electromechanical Meter, Single Phase Electronic Meter, Three Phase Electromechanical Meter; Three Phase Electronic Meter, MDI Meter (LT/HT), KVARH Meter (LT/HT), Three Phase CT Operated Electronic Meter, Prepaid Meter, Electronic Module for MDI, Meter components i.e., Current Coil Assy, Potential Coil Assy, Rotor Assy, Brake Magnet Assy, Meter Base Assy, Meter Fame, Meter Cover Assy, Meter Security Box, Terminal Block Assy & Brass/Copper Terminals.	--	--	Syed Bhais (Pvt) Ltd. 200 Ferozepur Road Lahore 54600
881	9028.3000	Meters, electricity	Single phase and three phase 220 volts, 400 volts and 50 c/s	--	--	Pakistan Electron Limited (PEL) 14-Kilometer, Ferozepur Road Lahore
882	9032.1090	Gas Controller Thermostat	Temperature Range 30 degree C - 70 Degree C, Differential < 5 degree C, Current 16 Amps Max, Material Brass. Sensor Length 7", 11", 18".  Temperature Selection 40 degree C to 80 degree C, Inlet and Pilot Filters, Thermoelectric flame failure safety device. Brass body, inlet 1/2" NPT, Outlet 3/4" 18 TPi, Max inlet Gas Pressure 5" of water column.	--	--	Tesla Industries Pvt. Ltd. Plot No. 81-F, St. 6, I-10/3 Islamabad
883	9032.8990	Stabilizers, voltage	Smart Line Conditioners 1 phase: 2 to 10KVA (with or without Isolation Transformer) 3 phase: upto 30KVA (non-isolated transformer)	Specially designed for Pakistani power conditions, and most suitable for IT & Telecom industry.	--	Saltec Powerlink 18C/5, Khyabane Tanzeem DHA 5 , Karachi
884	9301.1900	Mortars, military	Heavy Mortar 120 mm, Light Mortar 81 mm, Mortar 60 mm	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
885	9301.2000	Launchers, rocket	Under Barrel Grenade Launcher GL-40	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
886	9301.2000	Launchers, rocket	Rocket Propelled Grenade Launcher RPG-7	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
887	9301.2000	Tear Gas Gun	37/38mm Tear Gas Gun (Shell Grenade Launcher)	--	--	Daudsons Armoury Industrial Estate Kohat Road , Peshawar

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
888	9301.2000	Grenade Launcher	40mm Shot Range Grenade Launcher (ARGL)	--	--	Daudsons Armoury Industrial Estate Kohat Road , Peshawar
889	9301.9029	Rifles, military	Recoilless Rifle 106 mm	--	--	Pakistan Machine Tool Factory (Pvt) Limited PMTF Road, Off National Highway, Landhi, Karachi-75030
890	9303.1000	Shotgun	12 Gauge Single Barrel Shotgun	--	--	Daudsons Armoury Industrial Estate Kohat Road , Peshawar
891	9303.1000	Rifle	.22 Rifle	--	--	Daudsons Armoury Industrial Estate Kohat Road , Peshawar
892	9303.2011	Gauge Pump Action Shotgun	12 Gauge Pump Action Shotgun "Shooter"	--	--	Daudsons Armoury Industrial Estate Kohat Road , Peshawar
893	9303.2019	Double Barrel Shotgun	12 Gauge Double Barrel Shotgun	--	--	Daudsons Armoury Industrial Estate Kohat Road , Peshawar
894	9303.2019	Single Pistol	Pistol Pyrotechnic (Single Pistol)	--	--	Daudsons Armoury Industrial Estate Kohat Road , Peshawar
895	9306.2900	Mortar Training Bomb	60mm, 81mm, 120mm Mortar Training Bomb	--	--	Daudsons Armoury Industrial Estate Kohat Road , Peshawar
896	9306.9000	Bombs (munition)	MK82,MK83,MK84 Low Drag General Purpose.	--	--	Daudsons Armoury Industrial Estate Kohat Road , Peshawar
897	9403.1000	Metal Shelvings	Mobile Shelving and General Office Shelving etc.etc.	--	--	Gujrat Steel (Pvt) Ltd. 183 A.M,Shahrah-e-Iraq, Saddar, Karachi
898	9403.7000	Plastic Furniture	Children's outdoor play areas, different varieties to chose from and made to order	--	--	Green Earth Recycling Pakistan 208/A Street # 5, Cavalry Grounds, Cantt. Lahore
899	9406.0000	Pre-fabricated Buildings	Built up with H.R. Sheets, G.I. Sheets, Zincalume Sheet, High Tensile Nuts & bolts and Fiber glass Mat Insulation.  Beams & Columns = Yield Strength 34.5 kN/cm <sup>3</sup> Galvanized Steel = Yield Strength 34.0 kN/cm <sup>3</sup> Zincalume Steel = Yield Strength 34.5 kN/cm <sup>3</sup> High Strength Bolts = Tensile Strength 83.0 kN/cm <sup>3</sup>	Beams & Columns = ASTM A 572 M Gr 345 type 1 Galvanized Steel = ASTM A 653 M SS GR 340 Class 1 Zincalume Steel = ASTM A 792 M Grade 345 B High Strength Bolts = ASTM A 325 M	--	Izhar Steel Izhar House, 35-Tipu Block, New Garden Town, Lahore

CGO S.No	PCT HS 2007	Products	Specifications	Physical Properties	Chemical Properties	Company
1	2	3	4	5	6	7
900	9406.0040	Insulated Panels	Polyurethane Sandwich Panels	60mm to 150mm	--	Pakistan Insulations Pvt. Ltd. 107 Business Avenue PECHS BLock-6, Karachi
901	9608.1000	Ball Point Pens	All Types	--	--	Shahsons (Pvt) Ltd. D-88, S.I.T.E., Manghopir Road, Karachi.  Dollar Industries (Pvt) Ltd. D-85, SITE, Karachi – 75700
902	9608.2000	Pens, felt-tipped	Writing, colouring and marking pens, all types (felt tipped with and without metal / plastic jackets).	--	--	Dollar Industries (Pvt) Ltd. D-85, SITE, Karachi – 75700
903	9608.2000	Markers, felt-tipped	Markers all types (Permanent, Highlighters, White Boards, Refillable / Sealed)	--	--	Dollar Industries (Pvt) Ltd. D-85, SITE, Karachi – 75700
904	9608.3900	Pen, fountain	Fountain pens, all types	--	--	Dollar Industries (Pvt) Ltd. D-85, SITE, Karachi – 75700
905	9609.2010	Pencils	All Types	--	--	Shahsons (Pvt) Ltd. D-88, S.I.T.E., Manghopir Road, Karachi.
906	9612.2000	Ink-pads	Stamp Pads	--	--	Dollar Industries (Pvt) Ltd. D-85, SITE, Karachi – 75700

**Note:**

- 1). The Annexures to this list form the Integral Part of the CGO.
- 2). The above listed machinery/equipment/materials, etc. include their substitutes, the concessionary import of which would also not be allowed.
- 3). Import of Proprietary spares whose parent equipment is not manufactured locally shall be cleared as per terms of SRO 678(I)/2004 dated: 07-08- 2004 subject to the following:
  - i). Proof of concessionary import (Bill of entry or any other appropriate commercial document) of the parent equipment not manufactured locally.
  - ii). Undertaking by the importer that the imported items are proprietary spares of the equipment mentioned at (i) above and are certified as such either by the manufacturer (OEM) of integral sub-equipment of the parent equipment, as the case may be.
- 4). The above list would be regularly updated by EDB (preferably after every six months) in the light of comments from local suppliers and users.
- 5). The HS/PCT Code used in column 2 above are purely for reference purpose.



S.No:	STEEL GRADE		C	Si	Mn	P	S	Cr	Mo	Ni	Cu	Al	V	W	Co	Ti
	<i>Carbon Steel/Unalloyed Steels</i>															
30	35-GB-699-65	Upper	0.40	0.37	0.80											
31	35-S-20	Lower	0.32	0.10	0.70		0.18									
		Upper	0.39	0.30	1.10	0.06	0.25									
32	35-YB-194-63	Lower	0.32													
		Upper	0.39	0.20	0.60	0.04	0.04									
33	50-BYB-481-80	Lower	0.47	0.17	0.60	0.04	0.03									0.05
		Upper	0.55	0.37	0.90											
34	50Mn	Lower	0.48	0.17	0.70											
		Upper	0.56	0.37	1.00	0.04	0.04	0.25		0.25	0.25					
35	515(Grade-60)	Lower		0.15												
		Upper	0.29	0.40	0.90	0.04	0.04									
36	6-31-YB-195-63	Lower	0.07													
		Upper	0.13	0.03	0.50	0.04	0.04									
37	9SMn	Lower			0.90		0.24									
		Upper	0.14	0.05	1.30	0.10	0.32									
38	A-108 (G-11170)	Lower														
		Upper														
39	A-108 (G-12120)	Lower														
		Upper														
40	A-283 Grade C	Lower														
		Upper	0.24	0.40	0.90	0.04	0.04									
41	A285 Grade C	Lower														
		Upper	0.28		0.04	0.04	0.04									
42	A36	Lower			0.80											
		Upper	0.25	0.40	1.20	0.04	0.05				0.20					
43	A-516 ( Grade 60 )	Lower		0.15	0.85											
		Upper	0.23	0.40	1.20	0.04	0.04									
44	AGS-1055	Lower	0.52	0.15	0.60	0.03	0.04	0.30								
		Upper	0.60	0.35	0.90			0.50								
45	AGS-KK-01	Lower	0.41	0.20	1.50		0.09	0.20	0.04	0.10	0.10					
		Upper	0.45	0.35	1.65	0.04	0.13	0.30		0.20	0.20					
46	B2-GB-912-66	Lower	0.09	0.12	0.25	0.05	0.06									
		Upper	0.15	0.30	0.50											
47	B3-GB-912-66	Lower	0.14	0.12	0.40	0.05	0.06									
		Upper	0.22	0.30	0.65											
48	BS-2858	Lower	0.10	0.03	0.49	0.04	0.03									
		Upper														
49	BW2	Lower	0.95	0.30	0.35	0.03	0.03	0.15	0.10	0.20	0.20		0.15			
		Upper	1.10										0.35			
50	C45K	Lower	0.42		0.50											
		Upper	0.50	0.40	0.80	0.05	0.05	0.40	0.10	0.40						
51	CFS-6	Lower	0.30	0.35	0.50	0.05	0.05									
		Upper	0.40		0.90											
52	EN43B	Lower	0.45	0.10	0.70	0.05	0.05									
		Upper	0.50	0.40	0.90											
53	EN8	Lower	0.36	0.10	0.60	0.01	0.03									
		Upper	0.44	0.40	1.00											
54	Ex-Low Carbon	Lower														
		Upper														
55	G-43A (BS 4360-1986)	Lower														
		Upper	0.25	0.50	1.60	0.05	0.05									
56	HAFFAZ 1010	Lower														
		Upper														
57	Haffaz-1020	Lower	0.17	0.10	0.40											
		Upper	0.24	0.25	0.65	0.03	0.03									
58	HMC-1030	Lower	0.28	0.05	0.50							0.03				
		Upper	0.37	0.17	0.80	0.04	0.05									
59	HR355	Lower														
		Upper	0.22	0.55	1.60	0.05	0.05									
60	HSAPH55	Lower	0.15	0.30	1.30	0.04	0.04									
		Upper	0.18	0.40	1.50											
61	NEAGA - Steel	Lower	0.40	0.10	0.60		0.20									
		Upper	0.50	0.35	0.90	0.06	0.25									
		Lower	0.20	0.55	1.60	0.04	0.04				0.25					



**PEOPLES STEEL MILLS LTD**  
**MANGHOPIR-KARACHI**

**Annexure-II**

**DETAIL SPECIFICATIONS AND QUANTITY SUPPLIED OF FREE CUTTING AND GRINDING BALLS STEELS**

S. No.	STEEL GRADE		C	Si	Mn	P	S	Cr	Mo	Ni	Cu
<b>PCT Head 7214-3090, 7215-1090, Free Cutting (Carbon/Unalloyed) Steels:</b>											
1	1141	Lower	0.37	0.15	1.35	0.04	0.08				
		Upper	0.45	0.30	1.65		0.13				
2	11SMn37	Lower	0	0	1.0	0	0.34				
		Upper	0.14	0.05	1.5	0.11	0.40				
3	220-M-07	Lower			0.90		0.20				
		Upper	0.15	0.40	1.30	0.07	0.30				
4	230-M-07	Lower	0.15	0.05	0.90	0.09	0.25				
		Upper			1.30		0.35				
5	35-GB-699-65	Lower	0.32	0.17	0.50	0.04	0.25			0.25	
		Upper	0.40	0.37	0.80						
6	35-S-20	Lower	0.32	0.10	0.70		0.18				
		Upper	0.39	0.30	1.10	0.06	0.25				
7	9SMn	Lower			0.90		0.24				
		Upper	0.14	0.05	1.30	0.10	0.32				
8	AGS-KK-01	Lower	0.41	0.20	1.50		0.09	0.20	0.04	0.10	0.10
		Upper	0.45	0.35	1.65	0.04	0.13	0.30		0.20	0.20
9	NEAGA - Steel	Lower	0.40	0.10	0.60		0.20				
		Upper	0.50	0.35	0.90	0.06	0.25				
<b>PCT Head 7326-1100, Grinding Balls Steel:</b>											
SUP-9		Lower	0.52	0.15	0.65	0	0.00	0.65			
		Upper	0.60	0.35	0.95	0.03	0.03	0.95			

**A FEW REPRESENTATIVE STEEL GRADES PRODUCED AT PSM AND THEIR APPLICATIONS** **Annexure-III**  
**PSM have so far produce more than 300 steel grades of International Standards (May produce other steel grades also, as per request)**

Sr. No.	PCT Head Ref: No.	STEEL GRADE	CHEMICAL COMPOSITION (Wt %)										NEAREST GERMAN (DIN)	TYPICAL APPLICATIONS
			C	Si	Mn	P	S	Cr	Mo	Ni	Cu	Others		
1	7206, 7207, 7208, 7211, 7214, 7215	SSA-21	0.45 0.55	0.10 0.35	0.70 1.10	max. 0.05	max. 0.05	max. 0.30	max. 0.15	max. 0.50	max. 0.30			Shell Steel
2		ASTM A516 (Grade 60)	max. 0.23	0.15 0.40	0.85 1.20	max. 0.04	max. 0.04	--	--	--	--	--	1.0487	Special constructional steel which develop high tensile and fatigue strength as well as toughness after heat
3	7214-3010, 3090 7215-3010, 3090	AISI 1141	0.37 0.45	0.15 0.30	1.35 1.65	max. 0.04	0.08 0.13	--	--	--	--	--	1.0726	Generator shafts, worm gears, wheel puller bolts where parts must resist wear and also be tough with good
4	7206, 7207, 7208, 7211	AISI 1045	0.43 0.50	0.15 0.35	0.60 0.90	max. 0.040	max. 0.050	--	--	--	max. 0.35	--	1.1191	Parts of general engineering, automobiles, vehicles axles, coupling parts, shafts spindle etc.
5	7224, 7225-1900, 7225-4000, 7226-9100,	SCM- 415	0.13 0.18	0.15 0.35	0.60 0.85	max. 0.030	max. 0.030	0.90 1.20	0.15 0.30	--	max. 0.3	--	1.7262	Parts Requiring toughness & core strength e.g. gear, shafts for automotive & general mechanical
6	7228-3010, 3090, 4000, 7228-5000, 72228-6000	20MnCr5	0.17 0.22	0.15 0.40	1.10 1.40	max. 0.035	max. 0.035	1.00 1.30	--	--	--	--	1.7147 (M 100)	Average size Cog wheels, arbors & gears for vehicles etc.
7		AISI 8620	0.18 0.23	0.15 0.35	0.70 0.90	max. 0.035	max. 0.040	0.40 0.60	0.15 0.25	0.40 0.70	max. 0.035	--	1.6523 (E 116)	Parts of large cross section requiring toughness and core strength e.g. gears, crank shafts, shafts for
8	7224, 7225-1900 & 4000,	AISI 5140	0.38 0.43	0.15 0.35	0.70 0.90	max. 0.035	max. 0.040	0.70 0.90	--	--	max. 0.35	--	1.7035 (V 500)	Highly stressed components of automobiles, vehicles and general mechanical engineering.
9	7226-9100, 7228-3010, 3090, 4000,	AISI 4140	0.38 0.43	0.15 0.35	0.75 1.00	max. 0.04	max. 0.04	0.80 1.10	0.15 0.25	--	--	--	1.7225	Automotive connecting rods, crankshafts, knuckles, rear axle and trailer axle shafts. Oil industry, bits, core
10	7228-5000 & 6000	AISI 4340	0.38 0.43	0.15 0.35	0.60 0.80	max. 0.035	max. 0.040	0.70 0.90	0.20 0.30	1.65 2.00	--	--	1.6565 (V 121)	Highly stressed components of large cross section e.g. air craft, automotive & machines propeller/ gear/ crank
11	7224, 7226-9100, 7228-2010	SUP-9 (JIS-G 4801)	0.52 0.60	0.15 0.35	0.65 0.95	max. 0.035	max. 0.035	0.65 0.95	--	--	max. 0.35	--	1.7176 AISI-5160	Leaf springs for automobiles/ heavy duty vehicle/ railways. Torsion bars and Coil springs.
12	7224, 7225-1900 & 4000, 7226-	AISI E 52100	0.98 1.10	0.20 0.30	0.25 0.45	max. 0.025	max. 0.025	1.30 1.60	--	--	max. 0.3	--	1.3505 (R 100)	Ball and roller bearing parts e.g. balls, rollers, needles, cones, rings and discs upto 30mm finishing thickness
13		AISI 304	max. 0.08	max. 1.00	max. 2.00	max. 0.045	max. 0.030	18.00 20.00	--	8.00 10.50	max. 0.35	N 0.05 0.08	1.4301 (A 500)	Cutlery, medical, kitchen, automotive and sanitary equipment.
14		AISI 304L	max. 0.03	max. 1.00	max. 2.00	max. 0.045	max. 0.030	18.00 20.00	--	8.00 12.00	max. 0.35	N 0.05 0.08	1.4306 (A 604)	Chemical industry, pharmaceutical industry, nuclear engineering.
15		AISI 316L	max. 0.03	max. 1.00	max. 2.00	max. 0.045	max. 0.030	16.00 18.00	2.00 3.00	10.00 14.00	--	--	1.4404 (A 100)	Dyeing, sulphite, pulp, wood, chemical and rayon industries, dairy equipment.
16	7218, 7219 7220, 7222	AISI 347	max. 0.08	max. 1.00	max. 2.00	max. 0.045	max. 0.030	17.00 19.00	--	9.00 13.00	max. 0.35	Nb+Ta=10xC N 0.05=0.08	1.4450 (A 750)	Food processing industry, paper, pulp nitric acid plant production of explosives, oil, grease and soap
17		AISI 430F	max. 0.12	max. 1.00	max. 1.25	max. 0.060	max. 0.15	16.00 18.00	max. 0.60	max. 0.50	max. 0.30	Al 0.02 max	1.4104 (N 310)	Free cutting steel for components subject to corrosion in mechanical and plant engineering. Also for mass
18		SUS420 J2	0.26 0.40	max. 1.00	max. 1.00	max. 0.040	max. 0.030	12.00 14.00	max. 0.60	--	--	--	1.4028 (N 540)	Cutlery, knives, sword, valve parts, etc.
19		AISI 440C	0.95 1.20	max. 1.00	max. 1.00	max. 0.040	max. 0.03	16.00 18.00	max. 0.75	--	--	--	1.4125 (N 695)	Cutting tools requiring superior corrosion resistance, detergent resistant cutlery and for wear resistant
20		AISI D2	1.40 1.60	0.30 0.50	0.30 0.50	max. 0.030	max. 0.025	11.00 13.00	0.70 1.20	--	--	(V 0.8 max) (Co 0.6 max)	1.2379 (K 110)	Excellent toughness and suitable for bath nitriding. High-performance cutting dies and punches, shear
21	7224, 7225-2000, 4000 7226-2000	AISI H13	0.32 0.45	0.80 1.20	0.20 0.45	max. 0.025	max. 0.025	4.75 5.50	1.25 1.75	max. 0.030	max. 0.030	V 0.80-1.20 Al 0.10 max)	1.2344 (W 302)	Heavy duty hot work dies, mandrels and tubes for hot extrusion. Die casting equipment, hot shear blades
22	7227-2000	AISI T4	0.70 0.80	0.20 0.40	0.20 0.40	max. 0.030	max. 0.030	24.00 4.50	0.70 1.00	--	--	V 0.80-1.20 W 17.25-18.75 Co 4.25-5.75	1.3255	Lathe and planing tools with eminent cutting strength and toughness.
23	7218, 7219 7220, 7222	AISI 310S	max. 0.08	max. 1.50	max. 2.00	max. 0.045	max. 0.030	24.00 26.00	--	19.00 22.00	--	--	1.4841 (H 532)	Heat treatment furnace parts, grate, fitting, door, fan, super heated suspension, valves, spindles, bolts, nuts,
24	7225-4000, 7226-9	PSM Armour-3	0.27 0.33	0.2 0.4	0.3 0.6	max. 0.02	max. 0.015	0.70 1.1	0.3 0.5	2.8 3.5	--	--	DIN 1.6659 (V-121)	Armored plates for tanks, military vehicles and bullet proof applications.