

| S. No. | PCT Code | Product Description                    | Specifications  | Physical Properties  | Chemical Properties  | Company   | Representation  |
|--------|----------|--|---|--|--|---|---|
| 8      | 25201010 | Gypsum Powder                          | 100 mesh Gypsum Board Grade   | Fine Powder  | CaSO <sub>4</sub> 1/2 H <sub>2</sub> O   | 1) DFB Gypsum Industries, Suit No. 105, 1st Floor, Business & Finance Center, II Chundrigar Road, Karachi<br>2) <b>Lodhia Gypsum Industries (Pvt) Ltd., Suite # 105, Business &amp; Finance Centre, II Chundrigar Road, Karachi</b> | M/s Lodhia Gypsum Industries (Pvt) Ltd requested for inclusion of products in CGO list                        |
| 33     | 28273500 | Nickel Chloride                        | 24% as Nickel   | Yellowish green crystalline powder   | NiCl <sub>2</sub>  | Sitara Chemical Industries Ltd., 32-KM Sheikupura Road, Faisalabad  | Contested by Auto industry that auto grade are not manufactured locally                                       |
| 40     | 28332400 | Nickel Sulphate                        | Nickel 22 ± 1%  | Greenish Crystals  | NiSO <sub>4</sub> .6H <sub>2</sub> O   | Sitara Chemical Industries Ltd., 32-KM Sheikupura Road, Faisalabad  | Contested by Auto industry that auto grade are not manufactured locally                                       |
| 42     | 28362000 | i) Sodium Carbonate (di-sodium)        | 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 50Kg or 1000Kg polypropylene bags Pouring Density = 450 to 600 gms / Liter for Light Ash grade and 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%  | <b>Lucky Core Industries Limited, Soda Ash Business, 63, Mozang Road, Lahore 54000</b>  | M/s Lucky Core Industries have informed that their name is changed from ICI Pakistan to Lucky Core Industries |
| 43     | 28363000 | Sodium bicarbonate                     | Purity as NaHCO <sub>3</sub> = >=99% Insoluble substance = 1gm in 20ml water gives clear solution pH of 1% solution at 25°C = 8.5   | CAS No:144-55-8, EC No: 205-633-8<br>Description: Refined Sodium Bicarbonate (free flowing white powder)<br>DETAILS: Formula: NaHCO <sub>3</sub><br>Appearance: A white fine crystalline hygroscopic powder.<br>pH of a freshly prepared 5% Solution: 8.6 maximum<br>White granular powder packed in 25Kg Laminated Polypropylene Bags | <u>DETAILS:</u><br>Assay (%): 99.0 – 100.5<br>CO <sub>3</sub> (%): 0.23% maximum<br>Ammonium NH <sub>4</sub> : 20.0 mg/kg maximum<br>Arsenic As: 2 mg/kg maximum<br>Calcium Ca: 100 mg/kg maximum<br>Chloride Cl: 150 mg/kg maximum<br>Heavy Metals (as Lead Pb): 5 mg/kg maximum<br>Iron Fe: 20 mg/kg maximum<br>Sulphate SO <sub>4</sub> : 150 mg/kg maximum | 1) <b>Lucky Core Industries Limited (LCI), Soda Ash Business, 63, Mozang Road, Lahore 54000</b><br>2) Olympia Chemicals Ltd., 25-A, Davis Road, Lahore  | M/s Lucky Core Industries have informed that their name is changed from ICI Pakistan to Lucky Core Industries |
| New    | 29122020 | Nitro celulose Binder (Collodium wool) | Having different viscosities & concentrations   | Liquid / Paste   | its Nitro celulose dissolved in different solvents & plasticizer used by wood, Paint, Leather, Printing ink & Packages industry  | MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K  | M/s MB Dyes Chemical & Silk requested for inclusion entry.  |

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| New | 2915.3100,<br>2915.3300,<br>2915.3930,<br>2915.3940<br>2915.3990 | Ethyle acetate, N-Butyle acetate, Sec-butyle acetate, Sabutol acetate Methylene acetate, N-propyle acetate & Iso propyle acetate | colour less all 98.5 - 99.5 & Pu grade   | Used for packages, Printing inks, Paint dilutants, Thiner & as a Solvent in different industries  | All are acetates based on Acetic Acid & relevant alcohols  | MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K   | M/s MB Dyes Chemical & Silk requested for inclusion entry.    |
| 70  | 29335930   | Ciprofloxacin Hydrochloride  | - Current pharamacopioal BP/EP, USP Specifications<br>- A pale yellow, Crystalline, Hygroscopic powder | '- Solid (Powder)<br>- Soluble in water, slightly soluble in methanol, very slightly soluble in anhydrous ethanol, practically insoluble in acetone, in ethyl acetate and in methylene Chloride<br>- LOD MAX 6.7%, - pH 3.5 – 4.5 | Fluoroquinolone derivative, used to treat a wide variety of infections, including infections of bones and joints, endocarditis, gastroenteritis, malignant otitis externa, respiratory tract infections, cellulitis, urinary tract infections, prostatitis, anthrax, and chancroid.  | 1) Pharmagen Ltd., 34-Km Ferozepur Road, Lahore<br>2) Zenith Chemical Industries (Pvt) Ltd., Village Dhonday Pajian Road, Raiwind Lahore<br>3) Zafa Chemie,<br>Raiwind Manga Bypass, Near Sundar Industrial Estate, Mouza Bhaikot, Tehsil & District Lahore. | M/s Zafa Chemie requested for addition of name in this entry. |
| 79  | 29411000   | - Amoxycillin Trihydrate<br>- Ampicillin Trihydrate<br>- Cloxacillin Sodium  | Current pharamacopioal BP/EP, USP Specifications   | Solid (Powder)  | Penicillin Derivatives   | 1) Pharmagen Ltd., 34-Km Ferozepur Road, Lahore<br>2) Zafa Chemie,<br>Raiwind Manga Bypass, Near Sundar Industrial Estate, Mouza Bhaikot, Tehsil & District Lahore.  | M/s Zafa Chemie requested for addition of name in this entry. |
| 83  | 29419060   | Cefixime   | Current pharamacopioal BP/EP, USP Specifications   | Solid (Powder)  | Cephalosporins (III-rd Generation)   | 1) Pharmagen Ltd., 34-Km Ferozepur Road, Lahore<br>2) Zafa Chemie,<br>Raiwind Manga Bypass, Near Sundar Industrial Estate, Mouza Bhaikot, Tehsil & District Lahore.  | M/s Zafa Chemie requested for addition of name in this entry. |
| 85  | 30045090   | Medicaments containing vitamins  | Soya based vitamin and minerals Instant beverage   | Food grade  | —  | Matrix Pharma Pvt. Ltd., Plot 12, Seecotr 15 Korangi Industrial Area, Karachi  | M/s Matrix Pharma requested for deletion of name/entry.       |
| 86  | 30049092   | Paracetamol  | White or almost white, crystalline powder.   | (1) Melting Point: 168.0°C — 172.0°C<br>(2) LOD NMT 0.5%<br>(3) pH 5.3 – 6.5 at 25°C<br>(4) Density 1.293gm/cc  | Paracetamol (p-Hydroxyacetanilide) undergoes usual reaction of Phenols because of the presence of its hydroxyl functional groups. It undergoes reactions such as acetylation, oxidation, reacts with sodium hydroxide and it gives a positive test to iron (iii) chloride test based on the presence of the phenolic group | 1) Zenith Chemical Industries (Pvt) Ltd., Village Dhonday Pajian Road, Raiwind Lahore<br>2) Zafa Chemie,<br>Raiwind Manga Bypass, Near Sundar Industrial Estate, Mouza Bhaikot, Tehsil & District Lahore.  | M/s Zafa Chemie requested for addition of name in this entry. |

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| 93 | 32041190 | Disperse dyes and preparations (Other) | Water-insoluble dyes that are used for the dyeing of polyester and acetate fibers. Normally comes with a dispersing agent to disperse them in water.                                 | May be solid, semi-solid or liquid at room temperature | Water-insoluble dyes   | Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900<br><br>ii. MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K  | M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name). |
| 96 | 32041400 | Direct dyes and preparations           | Water soluble substantive dyes that have affinity for cellulosic fibres  | --   | --   | 1) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900<br>2) Sandal Dyestuff Industries Ltd., 4 KM Chak Jhumra Sangla Hill Road, Faisalabad<br>3) MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K | M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name). |
| 98 | 32041600 | Reactive dyes and preparations         | primarily used for tinting textiles, that attach themselves to their substrates by a chemical reaction by forming a covalent bond between the molecule of dye and that of the fibre. | May be solid or liquid at room temperature             | Water soluble organic substances that are attached to the fibers through a dyeing process with the help of certain chemicals | 1) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900<br>2) Sandal Dyestuff Industries Ltd., 4 KM Chak Jhumra Sangla Hill Road, Faisalabad<br>3) MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K | M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name). |

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|-----|----------|----------------------------------|---|--|--|--|---|
| 99  | 32041710 | Pigments and preparations        | Pigments are water insoluble and are applied as finely ground solid particles through a liquid matrix. Pigments may be organic. | May be solid, semi-solid or liquid at room temperature | Main organic pigment includes azo pigments and Copper phthalocyanines. | <p>1) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900</p> <p>2) Mobil Master Batch Industries (Pvt) Ltd., 92- Main Ravi Road, Lahore</p> <p>3) BASF Pakistan (Pvt.) Ltd., 46-A, Block – 6, P.E.C.H.S, Karachi – 75400</p> <p>4) Sandal Dyestuff Industries Ltd., 4 KM Chak Jhumra Sangla Hill Road, Faisalabad</p> <p>5) Bin Rasheed Color &amp; Chemical Mfg Co., 338A-341, Sundar Industrial Estate, Raiwind Road, Lahore 53804</p> <p>6) SRC (Pvt) LTD, 3-KM Bulhar Road, off 22-km Ferozpur Road, Rohi Nala, Lahore</p> <p>7) MB Dyes Chemical &amp; Silk Industry (Pvt.) Ltd. Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K</p> | <p>1) M/s Bin Rasheed requested for change in address.</p> <p>2) M/s MB Dyes Chemical &amp; Silk requested for inclusion entry.</p> |
| 101 | 32041790 | Solid Masterbatch Organic Colors | Plastic granulated Colorants for PE, PET, PC, ABS, PS etc., Textile   | Solid plastic color component melting range 150-280    | Combination of plastic resins, additives and pigments                  | Bin Rasheed Color & Chemical Mfg Co., 338A-341, Sundar Industrial Estate, Raiwind Road, Lahore 53804   | M/s Bin Rasheed requested for change in address.  |

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|-----|----------|---|---|--|--|--|--|
| 103 | 32042000 | Synthetic organic products of a kind used as fluorescent brightening agents | Optical brighteners, optical brightening agents (OBAs), fluorescent brightening agents (FBAs) or fluorescent whitening agents (FWAs) are chemical compounds that absorb light in the ultraviolet and violet region (usually 340-370 nm) of the electromagnetic spectrum, and re-emit light in the blue region (typically 420-470). These additives are often used to enhance the appearance of fabric and paper, causing a "whitening" effect"; they make intrinsically yellow materials look less so, by compensating the deficit in blue and purple light reflected by the material, with the blue and purple optical emission. | May be solid or liquid at room temperature             | --   | <ol style="list-style-type: none"> <li>1) Sardar Dyes &amp; Chemical Industries,</li> <li>2) Sandal Dystuff's Industries, 305-308, 2nd Floor, The Business Center, 8/8 New Civil Lines Faisalabad</li> <li>3) Chemi-Dystuff Industries (Pvt) Ltd.,</li> <li>4) Chemical Process Ind. (Pvt) Ltd., 103-Habitat, Shadman-II, Jail Road Lahore,</li> <li>5) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900</li> <li>6) Sardar Chemical Industries, Suit # 9, 2nd Floor, Hafeez Centre, Main Boulevard, Gulberg-III, Lahore</li> <li>7) Nimir Resins Ltd., 12-B, New Muslim Town, Lahore</li> <li>8) S &amp; F Enterprises, Karachi</li> <li>9) SRC (Pvt) LTD, 3-KM Bulhar Road, off 22-km Ferozpur Road, Rohi Nala, Lahore</li> <li>10) MB Dyes Chemical &amp; Silk Industry (Pvt.) Ltd. Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K</li> </ol> | M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name).  |
| 105 | 32061900 | Pigments and preparations   | Textile/Leather grade Preparations containing less than 80% titanium dioxide, include dispersions in plastics, natural rubber, synthetic rubber or plasticizers, used for colouring plastics and rubber etc in the mass.  | May be solid, semi-solid or liquid at room temperature | Mainly inorganic pigment based on TiO <sub>2</sub> . | <ol style="list-style-type: none"> <li>1) BASF Pakistan (Pvt.) Ltd., 46-A, Block – 6, P.E.C.H.S, Karachi – 75400</li> <li>2) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900</li> <li>3) Mobil Master Batch Industries (Pvt) Ltd., 92- Main Ravi Road, Lahore</li> <li>4) Bin Rasheed Color &amp; Chemical Mfg Co., 338A-341, Sundar Industrial Estate, Raiwind Road, Lahore 53804</li> <li>5) SRC (Pvt) LTD, 3-KM Bulhar Road, off 22-km Ferozpur Road, Rohi Nala, Lahore</li> </ol>   | <p>M/s Bin Rasheed requested for change in address.</p> <p>Contested by Auto industry that auto grade are not manufactured locally</p> |

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|-----|----------|---|--|--------------------------|--|---|---|
| 106 | 32062010 | Chrome Yellow for oil Paint, Industrial Paints, Master Batches, Artificial Leather, NC Paints, Road Marking and printing Inks | Chrome Yellow Pigments (Inorganic) 99% | Appearance Yellow Colour | PH. Value 5.7 to 7.8<br>PbCrO4 <86 to < 90%<br>S.P. Gravity 5.6 to 6.1<br>Heat stability: 180 °C to 240 °C<br>Light fastness :6-7<br>Moisture 0.5%<br>Full strength: 100 +- 5%<br>Particle size: 325 to 450 Mesh | Poplon Pakistan (Pvt.) Ltd., 34-N, Gulberg II, Lahore   | M/s Poplon Pakistan requested for amendment in "Product Discription", "Specification", "Chemical Properties" & "Company name".<br><br>Contested by Auto industry that auto grade are not manufactured locally |
| 107 | 32064290 | Masterbatches   | Based on Lithopane/ Zinc Sulphide:     | Solid form               | Dispersion of Lithopane and Zinc Sulphide in polymers  | 1) Clariant Chemicals Pakistan (Pvt) Ltd. Sector 20, Korangi Industrial Area, Karachi.<br>2) Bin Rasheed Color & Chemical Mfg Co., 338A-341, Sundar Industrial Estate, Raiwind Road, Lahore 53804<br>3) Mobil Master Batch Industries (Pvt) Ltd., 92- Main Ravi Road, Lahore  | M/s Bin Rasheed requested for change in address.  |
| 108 | 32064910 | Masterbatches   | Master Batches - Solid                 | Solid form               | Organic and inorganic in nature, resistance to solvents, nature is acidic /alkali  | 1) Clariant Chemicals Pakistan (Pvt) Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi.<br>2) Bin Rasheed Color & Chemical Mfg Co., 338A-341, Sundar Industrial Estate, Raiwind Road, Lahore 53804<br>3) Mobil Master Batch Industries (Pvt) Ltd., 92- Main Ravi Road, Lahore<br>4) Intra-Keck (Pvt) Ltd., 112/2, Q.I.E., Kot Lakhpat, Lahore-54770  | M/s Bin Rasheed requested for change in address.<br><br>Contested by Auto industry that auto grade are not manufactured locally   |
| 109 | 32064990 | Masterbatches   | Master Batches- Liquid                 | Paste form               | Organic and inorganic in nature, resistance to solvents, nature is acidic /alkali  | 1) Clariant Chemicals Pakistan (Pvt) Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi.<br>2) Bin Rasheed Color & Chemical Mfg Co., 338A-341, Sundar Industrial Estate, Raiwind Road, Lahore 53804<br>3) Mobil Master Batch Industries (Pvt) Ltd., 92- Main Ravi Road, Lahore<br>4) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900<br>5) Intra-Keck (Pvt) Ltd., 112/2, Q.I.E., Kot Lakhpat, Lahore-54770 | M/s Bin Rasheed requested for change in address.  |

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| New | 32081010 | Paints and varnishes (including enamels and Nitro cellulose lacquers) | Based on polyesters and Nitro cellulose   | Stoving Type                                       | Polyester + Melamine Base                              | MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K   | M/s MB Dyes Chemical & Silk requested for inclusion entry.   |
| 111 | 32081090 | i) Stoving clear Coats  | Polyester based   | Clear Coat for Glossy Finish. Clear coat ( Baking) | UV resistant, water Resistant & Protective Clear coat. | 1) <del>Kansai</del> <b>Kaizen Paint (Pvt) Ltd.</b> , 139-CCA, Sector DD, Phase IV, Defence Housing Authority, Lahore<br>2) Berger Paints Pakistan Limited, 28-Km Multan Road, Lahore.<br>3) Intra-Keck (Pvt) Ltd., 112/2, Q.I.E., Kot Lakhpat, Lahore-54770 | Kansai requested to change name to Kaizen Paint (Pvt.) Ltd.  |
| 112 | 32082090 | i) Plastic Parts Clear Coat   | Special synthetic Acrylic Polyol based resin.   | Clear Coat for Glossy Finish.                      | UV resistant, water Resistant.                         | 1) <del>Kansai</del> <b>Kaizen Paint (Pvt) Ltd.</b> , 139-CCA, Sector DD, Phase IV, Defence Housing Authority, Lahore<br>2) Berger Paints Pakistan Limited, 28-Km Multan Road, Lahore.   | Kansai requested to change name to Kaizen Paint (Pvt.) Ltd.  |
| 113 | 32089090 | i) Primer Surfacer / Intermediate Coat (Baking Paint)                 | Polyester/Melamine resin based paint for automotive   | Liquid coloured paint with anti-chipping property  | Mild Acid/Alkali resistant middle coat                 | 1) <del>Kansai</del> <b>Kaizen Paint (Pvt) Ltd.</b> , 139-CCA, Sector DD, Phase IV, Defence Housing Authority, Lahore<br>2) Berger Paints Pakistan Limited, 28-Km Multan Road, Lahore.   | 1. Contested by Auto industry that auto grade are not manufactured locally.<br>2. Name of Kansai to be changed as Kaizen Paint (Pvt.) Ltd. |
| 115 | 32099090 | i) Deposition Primer (CED)  | Modified Epoxy resin based CED paint (Two Component- Baking paint) - F-1 Pigment Paste & F-2 Resin Emulsion | ii) Milky liquid emulsion paint                    | --   | Berger Paints Pakistan Limited, 28- Km Multan Road, Lahore.  | Contested by Auto industry that auto grade are not manufactured locally  |
| New | 32110090 | Dryers, prepared  | For paints Lead 36% Calcium 10% Cobalt 12% & Zirconium 05%  | Liquid   | Dryer for Paints                                       | MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K   | M/s MB Dyes Chemical & Silk requested for inclusion entry.   |
| 121 | 32151110 | Rolling coating printing ink  | Rolling coating printing ink  | (Fexo, Grevier & Off Set)                          | Solvent Base Water Base                                | 1) Berger Paints Pakistan Limited, 28-Km Multan Road, Lahore.<br>2) <b>MB Dyes Chemical &amp; Silk Industry (Pvt.) Ltd.</b><br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K  | M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name).  |

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| 122 | 32151190 | Black - Flexographic, Rotogravure & Offset Sheet fed Printing inks  | Printing inks for packaging, lithography                        | Liquid/Paste | Water based / Solvent Based / Oil Based | 1) DIC Pakistan Ltd, Shahrah-e-Roomi, P.O. Amer Sidhu, Lahore<br>2) <del>Pakistan Coating Chemicals (Pvt) Ltd., 10-Abbot Road, Lahore</del><br>2) Bin Rasheed Color & Chemical Mfg Co., 338A-341, Sundar Industrial Estate, Raiwind Road, Lahore 53805<br>3) MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K | M/s Bin Rasheed has informed that Pakistan Coating Chemicals has merged into Bin Rasheed. So requested for change of name.<br><br>M/s MB Dyes Chemical & Silk requested for inclusion entry. |
| 123 | 32151920 | Digital printing inks   | Printing inks for textile application                           | Liquid/Paste | Water based / Solvent Based             | <del>Pakistan Coating Chemicals (Pvt) Ltd., 10-Abbot Road, Lahore</del><br>1) Bin Rasheed Color & Chemical Mfg Co., 338A-341, Sundar Industrial Estate, Raiwind Road, Lahore 53805<br>2) MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K   | M/s Bin Rasheed has informed that Pakistan Coating Chemicals has merged into Bin Rasheed. So requested for change of name.<br><br>M/s MB Dyes Chemical & Silk requested for inclusion entry. |
| 124 | 32151990 | Colored - Flexographic, Rotogravure & Offset Sheet fed (lithographic) Printing inks, screen printing inks | Printing inks for packaging, lithography, plastic substrates    | Liquid/Paste | Water based / Solvent Based / Oil Based | 1) DIC Pakistan Ltd., Shahrah-e-Roomi, P.O. Amer Sidhu, Lahore<br><br>2) MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K   | M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name).  |
| 125 | 32159010 | Inks for ball point, pens, fine liner and fiber tips  | Colored inks for stationery                                     | Liquid/Paste | Water based / Solvent Based / Oil Based | <del>Pakistan Coating Chemicals (Pvt) Ltd., 10-Abbot Road, Lahore</del><br>Bin Rasheed Color & Chemical Mfg Co., 338A-341, Sundar Industrial Estate, Raiwind Road, Lahore 53805   | M/s Bin Rasheed has informed that Pakistan Coating Chemicals has merged into Bin Rasheed. So requested for change of name.   |
| 126 | 32159090 | ii) Inkjet inks   | Solvent based inks for advertisement bill boards, flex printing | Liquid/Paste | Water based / Solvent Based             | 1) Intra-Keck (Pvt) Ltd., 112/2, Q.I.E., Kot Lakhpat, Lahore-54770<br>2) <del>Pakistan Coating Chemicals (Pvt) Ltd., 10-Abbot Road, Lahore</del><br>2) Bin Rasheed Color & Chemical Mfg Co., 338A-341, Sundar Industrial Estate, Raiwind Road, Lahore 53804   | M/s Bin Rasheed has informed that Pakistan Coating Chemicals has merged into Bin Rasheed. So requested for change of name.   |



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| 138 | 34024190 | Levelling Agent                          | For Textile Industry  |  |  | 1) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900<br>2) MB Dyes Chemical & Silk Industry (Pvt.) Ltd. Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K   | M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name).   |
| 139 | 34024200 | Non Ionic Surface-active agents          | Surfactants are compounds that lower the surface tension (or interfacial tension) between two liquids or between a liquid and a solid. Surfactants may act as detergents, wetting agents, emulsifiers, foaming agents, and dispersants. | May be solid or liquid at room temperature | Surfactants that do have an ionic character                      | 1) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900<br>2) Nimir Resins Ltd., 14.5 KM, Lahore Sheikhupura Road, Lahore<br>3) MB Dyes Chemical & Silk Industry (Pvt.) Ltd. Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K | 1) Contested by Auto industry that auto grade are not manufactured locally<br>2) M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name).  |
| New | 34039110 | Fat Liquor                               | Preperation   | Mainly liquid at room temperature          | Reduce friction and enhance smoothness/ slippage property        | MB Dyes Chemical & Silk Industry (Pvt.) Ltd. Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K   | M/s MB Dyes Chemical & Silk requested for inclusion entry.  |
| 148 | 35061000 | Adhesive Glue                            | PVA Base Glue<br>Water & Solvent Based  | White, Transparent or any colour           | Adhesive   | 1) Berger Paints Pakistan Limited, 28-Km Multan Road, Lahore.<br>2) Indus Pencil Industries, B-54, Manghopir Road SITE Karachi<br>3) Khawaja Adhesive Tapes (Pvt) Ltd., 4-H, Gulberg-III, Lahore  | Contested by Auto industry that auto grade are not manufactured locally   |
| 150 | 35069190 | Hot Melt Adhesive (Excluding Auto grade) | SU-600<br>SU-900  | White Pellets & Light Yellow Pellets       | Viscosity Thermosel, Temperature 170 C, 160 C Average (cps) 3500 | Pak Daehan, H. No. 29, Bhagat Pura Hussain Bakhsh Park New Shad Bagh, Lahore  | 1. Contested by Auto industry that auto grade are not manufactured locally<br>2. M/s Pak Daehan have confirmed that they are manufacturing adhesives for Book and Edge Binding. Accordingly the Product Description is amended. |
| 151 | 35069990 | Pressure Sensitive Adhesive Glue         | Water & Solvent Based   | Transparent or any colour                  | Adhesive   | Khawaja Adhesive Tapes (Pvt) Ltd., 4-H, Gulberg-III, Lahore   | Contested by Auto industry that auto grade are not manufactured locally   |

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|-----|----------|---|--|--|--|--|---|
| 152 | 35079000 | Enzymes                                 | Textile grade  |  |  | <p>1) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900</p> <p>2) MB Dyes Chemical &amp; Silk Industry (Pvt.) Ltd. Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K</p>   | M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name).   |
| 164 | 38099110 | Printing gum                            | Main use is in printing applications where gums are used to increase the medium viscosity enabling localized coloration.                     | May be solid or liquid at room temperature | Food grade<br>Non-toxic<br>Non-corrosive<br>Chemical resistant                                       | <p>1) ASF Pakistan (Pvt.) Ltd., 46-A, Block – 6, P.E.C.H.S, Karachi – 75400</p> <p>2) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900</p> <p>3) Nimir Resins Ltd., 14.5 KM, Lahore - Sheikhpura Road, Lahore</p> <p>4) ICI Pakistan, 63, Mozang Road, Lahore 54000</p> <p>4) Lucky Core Industries Limited, Soda Ash Business, 63, Mozang Road, Lahore 54000</p> <p>5) Universal Chemicals, B-45, Estate Avenue, S.I.T.E, Karachi</p> <p>6) MB Dyes Chemical &amp; Silk Industry (Pvt.) Ltd. Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K</p> | <p>Lucky core requested to change their name from ICI to LCI.</p> <p>M/s MB Dyes Chemical &amp; Silk requested for inclusion entry.</p>               |
| 165 | 38099190 | Dyeing Auxiliaries and Finishing Agents | Dyeing and Finishing agents are used to impart desired effect on textiles. Use of agents facilitate the dyeing and finishing of the fabrics. | May be solid or liquid at room temperature | Improve the performance of the dyeing process and imparts desirable aesthetic to the treated fabric. | <p>1) BASF Pakistan (Pvt.) Ltd., 46-A, Block – 6, P.E.C.H.S, Karachi – 75400</p> <p>2) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 4900</p> <p>3) Nimir Resins Ltd., 14.5 KM, Lahore - Sheikhpura Road, Lahore</p> <p>4) MB Dyes Chemical &amp; Silk Industry (Pvt.) Ltd. Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K</p>  | M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name).   |
| 169 | 38140000 | Organic Composite Solvents and Thinners | Organic Hydrocarbon Compound.  | Dilution & smooth application.             | Rehology control & adjustment of the Paint according to various environment.                         | <p>1) Kansai Kaizen Paint (Pvt) Ltd., 139-CCA, Sector DD, Phase IV, Defence Housing Authority, Lahore</p> <p>2) Berger Paints Pakistan Limited, 28-Km Multan Road, Lahore.</p>   | <p>1. Contested by Auto industry that auto grade are not manufactured locally.</p> <p>2. Name of Kansai to be changed as Kaizen Paint (Pvt.) Ltd.</p> |

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|-----|----------|---|---|--|--|--|---|
| 175 | 38231990 | Distilled Fatty Acid  | Acid Value: 200-215, Iodine Value: 38-44, Melting Point: 50±2, Saponification Value = 200-216.  | White solid material   | Distilled fatty acid blend   | Nimir Industrial Chemicals Ltd., 14.8 KM, Sheikhpura Faisalabad Road, Lahore.  | Contested by Auto industry that auto grade are not manufactured locally |
| 180 | 38249999 | i) Antifoaming Agent/Defoamer   | A mineral oil based defoamer for aqueous systems. It is typically applied in aqueous coating systems, wood stains, varnishes, printing inks, textile & adhesive | Opaque white to pale yellow liquid at room temperature. Density @ 25 °C 0.85 – 0.95 g/cm3  | Synergistic mixture of mineral oil and surface-active materials to accelerate the defoaming efficiency.  | Mijokum (Pvt) Ltd., F-48 & F-52, Sector 50-C, Korangi, Karachi.  | Contested by Auto industry that auto grade are not manufactured locally |
|     |          | ii) Filler Masterbatch  | Mineral filler e.g. CaCO <sub>3</sub> based plastic granulated material   | Solid plastic color component melting range 150-280  | Combination of plastic resins, additives and mineral fillers   | <b>Bin Rasheed Color &amp; Chemical Mfg Co., 338A-341, Sundar Industrial Estate, Raiwind Road, Lahore 53804</b>  | M/s Bin Rasheed requested for change in address.                        |
| 181 | 39012000 | HDPE Fittings Butt Fusion type  | 63mm to 315mm Dia Piping  | - Strong<br>- Light weight<br>- Easy jointing<br>- Durable   | Food grade<br>Non-toxic<br>Non-corrosive<br>Chemical resistant   | <b>New Tech, Suit 4 &amp; 5, 2nd Floor, Rehman Plaza, I-10 Markaz, Islamabad-Tarnol Industrial Area, Off. G.T. Road, Sector D-15, Islamabad</b>  | M/s New Tech informed that their address has been changed.              |
| 185 | 39032000 | Styrenated Acrylic  | Stryenated Acrylic Emulsion, used for a wide range of products like paint, coatings etc   | Liqued at room temperature   | Acrylate polymers upon drying form films that yield desired properties on the substrate  | Berger Paints Pakistan Limited, 28- Km Multan Road, Lahore.  | Contested by Auto industry that auto grade are not manufactured locally |
| 187 | 39041090 | Poly Vinyl Chloride (PVC) Resin   | Suspension  | Appearance Color White<br>Volatile Matter 0.4% wt max<br>Particle size 40 mesh pass 100% wt min<br>Particle Size 270 mesh pass 3% wt max | Polyvinyle Chloride, C <sub>2</sub> H <sub>3</sub> Cl, is an inert material, it does not react with most chemicals and solvents. Resistant to Acids, bases, slats and most solvents. Partially soluble in acetone. | Engro Polymer & Chemicals Limited, 16th Floor, The Harbor Front Building, HC # 3, Marine Drive, Block-4, Clifton, Karachi  | Contested by Auto industry that auto grade are not manufactured locally |
| 188 | 39042200 | PVC not mixed with other substances, plasticised PVC Compound (Plasticized) | (PVC Compound) International /National Standard (Cable Grade only)/ BSS 7655  | Granules   | C <sub>2</sub> H <sub>3</sub> C <sub>1</sub>   | 1) Newage Cables (Pvt) Ltd., Newage Mansion Mcleod Road, Lahore<br>2) Atlas Rubber & Plastic Industries, 9th Floor, Textile Plaza, Mumtaz Hassan Road Karachi – 74000<br>3) Bismillah Plastic Works, Sohail Manzil, Street No. 30 Sector “F” Allama Iqbal Road, Manzoor Colony Karachi<br>4) Fast Cables Ltd., 192-Y Block, Commercial Area, Phase-III, DHA, Lahore<br>5) Pakistan Cables Limited, B-21, SITE, P.O. Box No.5050, Karachi - 75700 | Contested by Auto industry that auto grade are not manufactured locally |

|     |          |                           |   |                            |  |   |  |
|-----|----------|---------------------------|---|----------------------------|--|---|--|
| 189 | 39051200 | Vinyl Acetate Copolymers  | Vinyl acetate-acrylic copolymers, emulsion products that are used for a wide range of applications including paints, bond coats, binders, pigmented paper coatings, textiles, and nonwovens | Liquid at room temperature | Crosslink to form film that imparts desirable properties to the treated surface. | 1) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900<br>2) Nimir Resins Ltd., 14.5 KM, Lahore Sheikhupura Road, Lahore<br>3) SRC (Pvt) LTD, 3-KM Bulhar Road, off 22-km Ferozpur Road, Rohi Nala, Lahore<br>4) Berger Paints Pakistan Limited, 28-Km Multan Road, Lahore.<br>5) MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K   | M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name).  |
| 190 | 39052100 | Polyvinyl acetate         | Polyvinyl acetate polymers, emulsion products that are used for a wide range of applications including paints, bond coats, binders, pigmented paper coatings, textiles, and nonwovens       | Liquid at room temperature | Crosslink to form film that imparts desirable properties to the treated surface. | 1) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900<br>2) SRC (Pvt) LTD, 3-KM Bulhar Road, off 22-km Ferozpur Road, Rohi Nala, Lahore<br>3) Berger Paints Pakistan Limited, 28-Km Multan Road, Lahore.<br>4) Nimir Resins Ltd., 14.5 KM, Lahore - Sheikhupura Road, Lahore<br>5) MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K | 1) Contested by Auto industry that auto grade are not manufactured locally<br>2) M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name). |
| New | 39059990 | Glue / Adhasive / Binders | Pigment thickener   | Paste form                 | Used by different industries   | MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K  | M/s MB Dyes Chemical & Silk requested for inclusion entry.   |

|     |          |                     |  |   |   |   |   |
|-----|----------|---------------------|--|---|---|---|---|
| 193 | 39069030 | Pigment thickener   | Pigment thickener  | --  | --  | <p>1) BASF Pakistan (Pvt.) Ltd., 46-A, Block – 6, P.E.C.H.S, Karachi – 75400</p> <p>2) Nimir Resins Ltd., 14.5 KM, Lahore - Sheikhpura Road, Lahore</p> <p>3) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900</p> <p>4) ICI Pakistan Limited, 63, Mozang Road, Lahore 54000</p> <p>4) Lucky Core Industries Limited, Soda Ash Business, 63, Mozang Road, Lahore 54000</p> <p>5) T &amp; N Chemical, 12.5 KM Sitara Road, Faisalabad</p> <p>6) MB Dyes Chemical &amp; Silk Industry (Pvt.) Ltd. Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K</p>                            | <p>Lucky core requested to change their name from ICI to LCI.</p> <p>M/s MB Dyes Chemical &amp; Silk requested for inclusion entry.</p>   |
| 194 | 39069040 | Dispersing Agent    | 20-45 % NVM  | Light yellow to yellow clear liquid                                       | Polyacrylate and Styrene/Maleic anhydride based                       | <p>1) Nimir Resins Ltd., 14.5 KM, Sheikhpura Road, Lahore</p> <p>2) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900</p> <p>3) MB Dyes Chemical &amp; Silk Industry (Pvt.) Ltd. Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K</p>  | M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name).   |
| 195 | 39069090 | i) Acrylic polymers | Belong to a group of polymers based on acrylic acid, methacrylic and their esters. They are noted for their transparency, resistance to breakage, and elasticity. They are also commonly known as acrylics or polyacrylates. | Mainly liquid at room temperature. However, can be produced in solid form | form films upon drying that yield desired properties on the substrate | <p>1) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900</p> <p>2) Nimir Resins Ltd., 14.5 KM, Lahore Sheikhpura Road, Lahore</p> <p>3) BASF Pakistan (Pvt.) Ltd., 46-A, Block – 6, P.E.C.H.S Karachi – 75400</p> <p>4) Sandal Dyestuff Industries Ltd., 4 KM Chak Jhumra Sangla Hill Road, Faisalabad</p> <p>5) SRC (Pvt) LTD, 3-KM Bulhar Road, off 22-km Ferozpur Road, Rohi Nala, Lahore</p> <p>6) Berger Paints Pakistan Limited, 28-Km Multan Road, Lahore.</p> <p>7) MB Dyes Chemical &amp; Silk Industry (Pvt.) Ltd. Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K</p> | <p>1) Contested by Auto industry that auto grade are not manufactured locally</p> <p>2) M/s MB Dyes Chemical &amp; Silk requested for inclusion entry (addition of company name).</p> |

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|-----|----------|---------------------------------------|---|---|--|---|--|
| 196 | 39073000 | i) Epoxide in primary forms           | Electrostatic Coating Powder                              | --  | --   | 1) Oxyplast Pakistan (Pvt.) Ltd., Silver House, 11/E, Block-6, P.E.C.H.S., Karachi.<br>2) Nimir Resins Ltd., 14.5 KM, Lahore - Sheikhpura Road, Lahore  | Contested by Auto industry that auto grade are not manufactured locally  |
|     |          | ii) Fusion Bonded Epoxy (FBE)         | Jotapipe & Corro-Coat (Anti-Corrosion Coating for Piping) | 1350-1500G/L >0.5% Moisture Contents Hardness Avg. 85 (ASTM. STD) | Polarized Cracking Pass Impact resistance >1.5J                  | 1) Jotun Powder Coatings Pakistan (Pvt) Ltd., 2 KM Defence Road, Off 9 KM Raiwind Road, Adj. Valancia Homes Gate, Lahore<br>2) Nimir Resins Ltd., 14.5 KM, Lahore - Sheikhpura Road, Lahore<br>3) Berger Paints Pakistan Limited, 28-Km Multan Road, Lahore.  | Contested by Auto industry that auto grade are not manufactured locally  |
| 197 | 39075000 | Resins, alkyd, in primary forms       | Viscosity 3-1000 poises Acid Value less than 12           | Colour Max 10GH   | Esters   | 1) Nimir Resins Ltd., 14.5 KM, Lahore - Sheikhpura Road, Lahore<br>2) Nimir Chemicals Pakistan Ltd., 14.8 Km, Sheikhpura-Faisalabad Road, Mouza Ghikki Distt. Sheikhpura<br>3) Berger Paints Pakistan Limited, 28-Km Multan Road, Lahore.<br>4) MB Dyes Chemical & Silk Industry (Pvt.) Ltd. Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K | 1) Contested by Auto industry that auto grade are not manufactured locally<br>2) M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name). |
| 204 | 39079900 | i) Powder Coating Pure Polyester      | Corro-Coat PE (Exterior Polyester Powder Coating)         | Film Hardness >70 (EN ISO 2815) 100% Adhesion                     | Exceed 5mm without Film Cracking Salt Spray Resistance Excellent | 1) Jotun Powder Coatings Pakistan (Pvt) Ltd., 2 KM Defence Road, Off 9 KM Raiwind Road, Adj. Valancia Homes Gate, Lahore<br>2) Berger Paints Pakistan Limited, 28-Km Multan Road, Lahore.<br>3) Nimir Resins Ltd., 14.5 KM, Lahore - Sheikhpura Road, Lahore  | Contested by Auto industry that auto grade are not manufactured locally  |
| 205 | 39089000 | Polyamide Resin (H-140, H-115, H-125) | Liquid Hardener for Epoxy                                 | Liquid  | Amine  | Premier Coating Resin (Pvt) Ltd. C-42, SITE Super Highway Industrial Area Scheme # 33, Karachi<br>2) MB Dyes Chemical & Silk Industry (Pvt.) Ltd. Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K  | 1) Contested by Auto industry that auto grade are not manufactured locally<br>2) M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name). |
| 206 | 39091090 | Urea Formaldehyde Resin               | 58-62 % NVM   | Water white thick liquid  | Butylated Urea formaldehyde resin in solution form               | Nimir Resins Ltd., 14.5 KM, Lahore - Sheikhpura Road, Lahore  | Contested by Auto industry that auto grade are not manufactured locally  |

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|-----|----------|---|---|---|--|---|--|
| 207 | 39092000 | Resins , melamine, in primary forms   | Viscosity 75 Poises Acid Value less than 2  | Colour Water White  | Amino  | 1) Nimir Resins Ltd., 14.5 KM, Lahore - Sheikhpura Road, Lahore<br>2) Berger Paints Pakistan Limited, 28-Km Multan Road, Lahore.  | Contested by Auto industry that auto grade are not manufactured locally  |
| 208 | 39094000 | Phenolic Formaldehyde Resin   | 69-71 % NVM   | Reddish thick liquid  | Phenol formaldehyde resin in solution form                   | Nimir Resins Ltd., 14.5 KM, Lahore - Sheikhpura Road, Lahore  | Contested by Auto industry that auto grade are not manufactured locally  |
| New | 39094000 | phenolic Resin  | Acid value less then 10 solid in nature dark brown colour   | it is modified gum rosin                                    | Used by adhasive industries and road marking paints          | MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K  | M/s MB Dyes Chemical & Silk requested for inclusion entry.   |
| 209 | 39095000 | Isocynate (Polyurethane Pre-Polymer for PU Sole)  | Sp. Gravity : 1.15, Acid Value;, <1 NCO value: 23, Viscosity: 400 Cps   | Slightly Yellowish Liquid                                   | Oligimers of polyol, pure MDI and Modified MDI               | 1) A.T.S Synthetic (Pvt) Ltd., 4-Km, Kacha Road, Kahna Nau, Lahore.<br>2) MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K  | 1) Contested by Auto industry that auto grade are not manufactured locally<br>2) M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name). |
| New | 39095000 | PUR (Polyurethane Resin) for shoe sole polyester polyol TPU (Thermoplastic Polyurethane) Polyester Ploylol for flexible laminating adhasive / coating | Polyester Polylol for shoe sole acid value less then 1 TPU foe shoe adhasive OH 38-42<br>Polyester Ploylol for flexible laminating adhasive / coating having OH 184-234 | Its 2K system the counter part is premoler based on TDI/MDI | Used foe shoe sole for shoe adhasive for packages industries | MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K  | M/s MB Dyes Chemical & Silk requested for inclusion entry (copmany name).  |
| New | 39099090 | Shoe adhasive / Dc solution   | TPU dissolved in different solvents   | viscosty 5000-11000 Solid 30-35%                            | Used by Shoe Industry  | MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K  | M/s MB Dyes Chemical & Silk requested for inclusion entry.   |
| 210 | 39100000 | Antifoam Silicon Base   | 10 - 20 % NVM in Water  | Milky white thick liquid                                    | Defoamer Silicon base  | 1) Nimir Resins Ltd., 14.5 KM, Sheikhpura Road, Lahore<br>2) Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900<br>3) MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K. | 1) Contested by Auto industry that auto grade are not manufactured locally<br>2) M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name). |

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|-----|----------|---|---|---|---|---|--|
| 211 | 39119000 | Fixing Agent  | For Textile   |   |   | Archroma Pakistan Ltd., 1-A/1, Sector 20, Korangi Industrial Area, Karachi – 74900<br>2) MB Dyes Chemical & Silk Industry (Pvt.) Ltd.<br>Gadoon Fac. 320/2, Gadoon Amazai Industrial Estate, Swabi, K.P.K | 1) Contested by Auto industry that auto grade are not manufactured locally<br>2) M/s MB Dyes Chemical & Silk requested for inclusion entry (addition of company name). |
| New | 39181000 | ii) Polyvinyl Chloride (PVC) Floor Covering<br>Vinyl Floor Covering<br>Vinyl Flooring | Polyvinyl Chloride (PVC) floor covering with or without wear layer<br>Wear layer thickness vary between 0.1 mm – 0.6mm<br>Floor covering thickness vary between 1.0 mm – 6.0 mm | Thickness vary between 1.0 mm – 6.0 mm<br>Floor covering available in plank form or roll form<br>Plank size:<br>8” x 40”<br>7” x 38”<br>6” x 36”<br>Roll size:<br>Width – upto 72 inches<br>Length as per customer demand | PVC<br>Plasticiser<br>Stabiliser<br>Calcium | Asia Vinyl & Rubber Industries, 40 Ferozpur Road, Lahore  | M/s Asia Vinyl & Rubber Industries requested for inclusion of their product(s) in CGO.   |
| 220 | 39191020 | PVC Electric Insulation Tape - Width not exceeding 20 cm - (Retail Packing)           | Thickness from 15 microns to 200 microns  | Black, red, yellow, blue & white colour   | --  | 1) Khawaja Adhesive Tapes (Pvt) Ltd., 4-H, Gulberg-III, Lahore<br>2) Osaka Electric & Industrial Co., Ground Floor, Plot No. Dp-10, Sector 12-D, North Karachi Industrial Area, Karachi                   | Contested by Auto industry that auto grade are not manufactured locally  |
| 224 | 39199090 | i) Self Adhesive BOPP/OPP Tape - Width exceeding 20cm- Log Rolls                      | Thickness from 15 microns to 80 microns   | Transparent / with any colour   | --  | 1) Khawaja Adhesive Tapes (Pvt) Ltd., 4-H, Gulberg-III, Lahore<br>2) Osaka Electric & Industrial Co., Ground Floor, Plot No. Dp-10, Sector 12-D, North Karachi Industrial Area, Karachi                   | Contested by Auto industry that auto grade are not manufactured locally  |
| 229 | 39202090 | i) Polypropylene Sheets, films, foil, strip of polypropylene                          | PP/PE sheet 1.5mm to 12mm (6*4' Sheet) Flat sheeting combination of Polypropylene and Polyethylene. Thickness ranging from 1.5mm to 12mm and width upto 4 feet                  | Can be customized according to customer requirements  | --  | Green Earth Recycling Pakistan, 208/A Street # 5, Cavalry Grounds, Cantt. Lahore  | 1. Contested by Auto industry that auto grade are not manufactured locally<br>2. Green Earth is not manufacturing such auto parts.<br>3. Change in Description         |



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|-----|----------|---|--|--|---|--|--|
| New |          | iii) Other (Sheets, films, foil, strip of polypropylene)  | Plastic Corrugated Sheets  | Hollow Plastic Sheets with GSM 450-1600 range of and thickness range 2-6mm         | Combination of plastic resins, and masterbatches          | Bin Rasheed Color & Chemical Mfg Co., 338A-341, Sundar Industrial Estate, Raiwind Road, Lahore 53801 | M/s Bin Rasheed requested for inclusion of this entry.                                 |
| 238 | 39211200 | Polyvinyl Chloride plates, sheets,                        | PVC Film   | --   | --  | A.T.S Synthetic (Pvt) Ltd., 4-Km, Kacha Road, Kahna Nau, Lahore.                                     | Contested by M/s Mehran Commercial   |
| 239 | 39211300 | Polyurethane plates, sheets, film,                        | Polyurethane Sandwich Panels   | Thickness from 60mm to 150mm   | --  | Pakistan Insulations Pvt. Ltd., 107 Business Avenue, PECHS Block-6, Karachi                          | Contested by Auto industry that auto grade are not manufactured locally                |
| 240 | 39219090 | i) Tooth paste tube Laminate                              | 100-125 mic PE+Co-polymer laminated to foil<br>20-40 mic + PE + Co-polymer both sides.<br>(Total thickness 290 to 300 mic) | --   | --  | Aluminum Processing Industries Int'l (Pvt) Ltd., D-76, S.I.T.E. Karachi                              | Contested by Auto industry that auto grade are not manufactured locally                |
| New |          | ii) PVC Flex Vinyl/Banner                                 | GSM = 240 gm to 610 gm,<br>Width = 40 inch to 126 inch,<br>Color = White / Any   | --   | --  | A.T.S Synthetic (Pvt) Ltd., 4-Km, Kacha Road, Kahna Nau, Lahore.                                     | Contested by M/s Mehran Commercial   |
| New | 39229000 | 1) Polyvinyl Chloride (PVC) Waterstopper                  | PVC Waterstopper   | Comes in various thicknesses and widths  | PVC<br>Plasticiser<br>Stabiliser<br>Calcium               | Asia Vinyl & Rubber Industries, 40 Ferozpur Road, Lahore   | M/s Asia Vinyl & Rubber Industries requested for inclusion of their product(s) in CGO. |
| New | 39229000 | 2) Rubber Waterstopper                                    |  | Comes in various thicknesses and widths  | Rubber, Natural   | Asia Vinyl & Rubber Industries, 40 Ferozpur Road, Lahore   | M/s Asia Vinyl & Rubber Industries requested for inclusion of their product(s) in CGO. |
| New | 39229000 | 3) Polyvinyl Chloride (PVC) Mudflaps                      | Mudflaps used for commercial vehicles<br><br>Comes with or without logo in printed form with UV coating layer protection   | Various thicknesses, widths and length as per the customer demand and vehicle size | PVC<br>Plasticiser<br>Stabiliser<br>Calcium<br>UV Coating | Asia Vinyl & Rubber Industries, 40 Ferozpur Road, Lahore   | M/s Asia Vinyl & Rubber Industries requested for inclusion of their product(s) in CGO. |
| New | 39239090 | articles for conveyance or packaging of plastics (others) | Plastic Corrugated Sheets  | Plastic reusable boxes and plastic crates of different dimensions                  | Combination of plastic resins, and masterbatches          | Bin Rasheed Color & Chemical Mfg Co., 338A-341, Sundar Industrial Estate, Raiwind Road, Lahore 53803 | M/s Bin Rasheed requested for inclusion of this entry.                                 |
| New | 39259090 | PVC Wall Panels   | PVC Wall Panels  | Width various – 10”, 14”, 16” 24”<br><br>Thickness – 8mm                           | PVC<br>Stabiliser<br>Calcium<br>ACR<br>CPE<br>Titanium    | Asia Vinyl & Rubber Industries, 40 Ferozpur Road, Lahore   | M/s Asia Vinyl & Rubber Industries requested for inclusion of their product(s) in CGO. |

| New | 40029900 | Synthetic Rubber<br>- Other<br>-- Other   | TPR Thermoplastic Rubber<br>Compounds   | Melting range of 100-180oC.,<br>0 Shore A – 80 Shore A,<br>Density 0.5-1.8 g/cm3  | Combination of plastic resins,<br>additives and mineral fillers | Bin Rasheed Color & Chemical Mfg<br>Co., 338A-341, Sundar Industrial<br>Estate, Raiwind Road, Lahore 53804  | M/s Bin Rasheed<br>requested for inclusion<br>of this entry.                     |
|-----|----------|---|---|---|---|---|--|
| 284 | 44119390 | Veneered Moulded Door Skin<br>Primed Molded Fibre Board<br>Door Skin Melamine Moulded<br>Door Skin<br>UV melamine MDF | Width = 27" , 39" , 42"<br>Length = 84"<br>UV 16mm & 17mm<br>Size=(1220x2440) | Density Profile: EN 323<br>Swelling: EN 317<br>Surface Soundness: EN 311-<br>2002<br>Screw Pull Force: EN 320<br>MOR & MOE: EN 310<br>Internal Bond: EN 319<br>Moisture Content: ASTM<br>D2216<br>Surface Gloss: ASTM D523-<br>14 | Emission in Board: EN 717-2<br>Board Standard: E1               | 1) ZRK Industries (Pvt) Ltd., Plot No.<br>W-16, 17 Industrial Estate Jamrud<br>Road, Hayatabad, Peshawar<br>2) Peshawar Particle Board Industries<br>(Pvt) Ltd., Plot No. W-16, 17 Industrial<br>Estate Jamrud Road, Hayatabad,<br>Peshawar | Contested by Auto<br>industry that auto grade<br>are not manufactured<br>locally |
| 295 | 48041900 | Semi Kraft  | Outer Paper for corrugated<br>containers                                      | Mix of Kraft pulp and<br>recovered fiber  | Cellulosic material   | 1) Bulleh Shah Packaging (Pvt) Ltd,<br>Sharah-e-Roomi, P.O. Amer Sidhu,<br>Lahore<br>2) Century Paper & Board Mills Ltd.,<br>62 KM Lahore Multan Highway, N-5,<br>District Kasur  | Contested by Auto<br>industry that auto grade<br>are not manufactured<br>locally |
| 322 | 54023300 | Yarn,textured,of polyesters   | Polyester Filament Yarn   | --  | --  | Gatron (Industries) Limited, 11th Floor,<br>G&T Tower No. 18, Beaumont, Civil<br>Lines – 10, Karachi.   | Contested by Auto<br>industry that auto grade<br>are not manufactured<br>locally |
| 326 | 54024700 | Yarn,oriented polyester, Single,<br>untwisted   | Polyester Filament Yarn   | --  | --  | Gatron (Industries) Limited, 11th Floor,<br>G&T Tower No. 18, Beaumont, Civil<br>Lines – 10, Karachi.   | Contested by Auto<br>industry that auto grade<br>are not manufactured<br>locally |
| 326 | 54024700 | Yarn,oriented polyester, Single,<br>untwisted   | Polyester Filament Yarn   | --  | --  | Gatron (Industries) Limited, 11th Floor,<br>G&T Tower No. 18, Beaumont, Civil<br>Lines – 10, Karachi.   | Contested by Auto<br>industry that auto grade<br>are not manufactured<br>locally |
| 332 | 54075200 | Knitted & Woven<br>Elastic,Tape,Ribbon, Cords<br>used in Garment & Home<br>Textiles Export Industry.                  | Narrow Fabrics of 5mm -<br>200mm  | Made from<br>Cotton,Polyester,Polypr-<br>opylene,Nylon,Rubber &<br>Spandex.   | --  | Gigi Industries (Pvt) Limited, L/A,8/2,<br>F.B Area, Karaci-Pakistan  | Contested by Auto<br>industry that auto grade<br>are not manufactured<br>locally |

|     |          |  |  |  |   |   |   |
|-----|----------|--|--|--|---|---|---|
| 333 | 54076900 | Weaved Fabric                                      | Automotive Grade   | Tensile Strength, Tear Strength, Constant Load Elongation, Permanent Set, Crease Flex, Seam Strength, Seam Fatigue, Flexibility, Flamability, Color Fastness, Light Fastness, Washing Fastness, Heat Resistance, Light Resistance, etc | Cleanability, Chemical Resistance-part1, Chemical Resistance part-2 | Procon Engineering (Private) Limited, D-57, to D-57, N.W.I, Zone, Port Qasim, Karachi-75020   | Contested by Auto industry that auto grade are not manufactured locally |
| 334 | 55032010 | Polyester Staple Fibre                             | Synthetic staple fibres, not carded or combed. Of polyesters not exceeding 2.22 decitex.             | 0.5-2 Denier staple fibre  | PTA= 0.865, MEG= 0.334, Textile Finish= 0.10-0.20,                  | <del>ICI Pakistan Limited– Polyester Fibres– Business, 63– Mozang Road Lahore</del><br><b>Lucky Core Industries Limited, Soda Ash Business, 63, Mozang Road, Lahore 54000</b> | Lucky core requested to change their name from ICI to LCI.              |
| 336 | 56031400 | Non Woven Fabric of manmade filaments (Geotextile) | Weight 200-1500 gm/ m2; Width (max): 3 meter   | Material: Polyester/ Polypropylene; Type: Needle punch non woven fabric; Weight/ Density: 150gsm and above; Thickness: 1-20mm; Color: As per requirement; Width: 3 meter max; Length: As per requirement.                              | --  | Unik Fabrics (Pvt) Ltd., 401, Deh Drigh, Rafa-Aam Society, Malik Halt, Karachi  | Contested by Auto industry that auto grade are not manufactured locally |
| New | 56039400 | Polyester Non Woven Fabric (Automotive Grade)      | gsm range of 15gsm - 500gsm  | Made from cotton, polyester, polypropylene   | --  | Procon Engineering (Private) Limited, D-57, to D-57, N.W.I, Zone, Port Qasim, Karachi-75020   | M/s Procon Engineering requested for addition of entry                  |
| 345 | 58019000 | Weaved Fabric                                      | Automotive Grade   | Tensile/Tear Strength, Constant Load Elongation, Permanent Set, Crease Flex, Seam Strength/Fatigue, Flexibility, Flamability, Color/Light Fastness, Washing Fastness, Heat Resistance, Light Resistance, etc                           | Cleanability, Chemical Resistance-part1, Chemical Resistance part-2 | Procon Engineering (Private) Limited, D-57, to D-57, N.W.I, Zone, Port Qasim, Karachi-75020   | Contested by Auto industry that auto grade are not manufactured locally |
| 347 | 58063200 | i) 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.   | Contested by Auto industry that auto grade are not manufactured locally |

|     |          |                                    |                                      |  |   |   |   |
|-----|----------|------------------------------------|--------------------------------------|--|---|---|---|
| 360 | 59069900 | Cloth Tape                         | Thickness 15mic to 40 mic            | White Colour / any colour  | --  | Osaka Electric & Industrial Co., Ground Floor, Plot No. Dp-10, Sector 12-D, North Karachi Industrial Area, Karachi  | Contested by Auto industry that auto grade are not manufactured locally   |
| 365 | 60053500 | Weaved Fabric/<br>Knitted Fabric   | Automotive Grade                     | Tensile Strength, Tear Strength, Constant Load Elongation, Permanent Set, Crease Flex, Seam Strength, Seam Fatigue, Flexibility, Flamability, Color Fastness, Light Fastness, Washing Fastness, Heat Resistance, Light Resistance, etc | Cleanability, Chemical Resistance-part1, Chemical Resistance part-2 | Procon Engineering (Private) Limited, D-57, to D-57, N.W.I, Zone, Port Qasim, Karachi-75020   | M/s Procon Engineering requested for amendment of description.<br><br>Contested by Auto industry that auto grade are not manufactured locally |
| 367 | 60069090 | Weaved Fabric/<br>Knitted Fabric   | Automotive Grade                     | Tensile Strength, Tear Strength, Constant Load Elongation, Permanent Set, Crease Flex, Seam Strength, Seam Fatigue, Flexibility, Flamability, Color Fastness, Light Fastness, Washing Fastness, Heat Resistance, Light Resistance, etc | Cleanability, Chemical Resistance-part1, Chemical Resistance part-2 | Procon Engineering (Private) Limited, D-57, to D-57, N.W.I, Zone, Port Qasim, Karachi-75020   | M/s Procon Engineering requested for amendment of description.  |
| 375 | 68091100 | Gypsum Board                       | 4'x8' 9mm & 12mm                     | Sheet  | Paper, Gypsum, Starch & Foam  | 1) DFB Gypsum Industries, Suit No. 105, 1st Floor, Business & Finance Center, II Chundrigar Road, Karachi<br>2) Lodhia Gypsum Industries (Pvt) Ltd., Suite # 105, Business & Finance Centre, I.I Chundrigar Road, Karachi | M/s Lodhia Gypsum Industries (Pvt) Ltd requested for inclusion of products in CGO list  |
| 376 | 68091900 | PVC Laminated Gypsum Ceiling Tiles | 2x2' 7.5mm & 9mm<br>2x4' 7.5mm & 9mm | Tile   | Paper, Gypsum, Starch, PVC Sheets and Glue                          | 1) DFB Gypsum Industries, Suit No. 105, 1st Floor, Business & Finance Center, II Chundrigar Road, Karachi<br>2) Lodhia Gypsum Industries (Pvt) Ltd., Suite # 105, Business & Finance Centre, I.I Chundrigar Road, Karachi | M/s Lodhia Gypsum Industries (Pvt) Ltd requested for inclusion of products in CGO list  |

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| 427 | 72091590 | Cold Rolled Coils Of a thickness 3 mm or more                                 | Cold Rolled Carbon Steel Sheets, Strips and Coils - As per JIS G-3141, ASTM A-1008 (excluding Bake Hardening Steel grade used in manufacturing of outer skin of the automobiles), A 568/ A568M | Mechanical Properties i.e. Yield Point, tensile strength & elongation, Bendability & Hardness as per JIS G 3141, ASTM A-1008 specification or equivalent | As per JIS G 3141 specified steel grades, ASTM A568/ A568M    | 1) International Steel Ltd., 399-404, Rehri Road, Landhi, Karachi<br>2) Aisha Steel Mills Ltd., DSU-45, Pakistan Steel, Down Stream Industrial Estate, Bin Qasim. Karachi<br>3) BBJ Steel Limited, 4th Floor, BBJ House, 40 Abbot Road, Lahore. | Contested by Auto industry that auto grade are not manufactured locally  |
| 429 | 72091690 | i) Cold Rolled Coils Of a thickness exceeding 1 mm but less than 3 mm:        | Cold Rolled Carbon Steel Sheets, Strips and Coils - As per JIS G-3141, ASTM A-1008 (excluding Bake Hardening Steel grade used in manufacturing of outer skin of the automobiles)               | Mechanical Properties i.e. Yield Point, tensile strength & elongation, Bendability & Hardness as per JIS G 3141, ASTM A-1008 specification or equivalent | Chemical composition as per JIS G 3141 specified steel grades | International Steel Ltd., 399-404, Rehri Road, Landhi, Karachi  | Contested by Auto industry that auto grade are not manufactured locally  |
|     |          | iii) Cold Rolled Coils of a thickness exceeding 1 mm but less than 3 mm       | Cold Rolled Carbon Steel Sheet, Coils and Strips as per JIS G-3141, ISO-3574, ASTM A-1008 [Excluding SPCE grade and other auto grades]   | As per JIS G-3141, ISO-3574, ASTM A-1008   | As per JIS G-3141, ISO-3574, ASTM A-1008                      | BBJ Steel Limited, 4 <sup>th</sup> Floor, BBJ House, 40 Abbot Road, Lahore.   | 1. Contested by Auto industry that auto grade are not manufactured locally<br>2. BBJ requested amendments in existing entry. |
| 430 | 72091710 | iii) Cold Rolled Coils of a thickness 0.5 mm or more but not exceeding 1 mm   | Cold Rolled Carbon Steel Sheet, Coils and Strips as per JIS G-3141, ISO-3574, ASTM A-1008 [Excluding SPCE grade and other auto grades]   | As per JIS G-3141, ISO-3574, ASTM A-1008   | As per JIS G-3141, ISO-3574, ASTM A-1008                      | BBJ Steel Limited, 4 <sup>th</sup> Floor, BBJ House, 40 Abbot Road, Lahore.   | M/s BBJ Steel requested for amendment in existing entry.   |
| 431 | 72091790 | i) Cold Rolled Coils Of a thickness of 0.5 mm or more but not exceeding 1 mm: | Cold Rolled Carbon Steel Sheets, Strips and Coils - As per JIS G-3141, ASTM A-1008 (excluding Bake Hardening Steel grade used in manufacturing of outer skin of the automobiles)               | Mechanical Properties i.e. Yield Point, tensile strength & elongation, Bendability & Hardness as per JIS G 3141, ASTM A-1008 specification or equivalent | Chemical composition as per JIS G 3141 specified steel grades | International Steel Ltd., 399-404, Rehri Road, Landhi, Karachi  | Contested by Auto industry that auto grade are not manufactured locally  |

|     |          |  |  |  |   |   |   |
|-----|----------|--|--|--|---|---|---|
|     |          | iii) Cold Rolled Coils of a thickness 0.5 mm or more but not exceeding 1 mm        | Cold Rolled Carbon Steel Sheet, Coils and Strips as per JIS G-3141, ISO-3574, ASTM A-1008 [Excluding SPCE grade and other auto grades]   | As per JIS G-3141, ISO-3574, ASTM A-1008   | As per JIS G-3141, ISO-3574, ASTM A-1008                      | BBJ Steel Limited, 4 <sup>th</sup> Floor, BBJ House, 40 Abbot Road, Lahore.           | M/s BBJ requested amendments in existing entry                          |
| 433 | 72091899 | <del>iii) Cold Rolled Coils of thickness less than 0.5 mm</del>                    | <del>Cold Rolled Carbon Steel Sheet, Coils and Strips as per JIS G-3141, ISO-3574, ASTM A-1008 [Excluding SPCE grade and other auto grades]</del>                                | <del>As per JIS G-3141, ISO-3574, ASTM A-1008</del>  | <del>As per JIS G-3141, ISO-3574, ASTM A-1008</del>           | <del>BBJ Steel Limited, 4<sup>th</sup> Floor, BBJ House, 40 Abbot Road, Lahore.</del> | M/s BBJ requested for deletion  |
| 435 | 72092590 | Cold Rolled of a thickness of 3mm or more (Not in Coils)                           | Cold Rolled Carbon Steel Sheets, Strips and Coils - As per JIS G-3141, ASTM A-1008 (excluding Bake Hardening Steel grade used in manufacturing of outer skin of the automobiles) | Mechanical Properties i.e. Yield Point, tensile strength & elongation, Bendability & Hardness as per JIS G 3141, ASTM A-1008 specification or equivalent | Chemical composition as per JIS G 3141 specified steel grades | International Steel Ltd., 399-404, Rehri Road, Landhi, Karachi                        | Contested by Auto industry that auto grade are not manufactured locally |
| 437 | 72092690 | i) Cold Rolled Of a thickness of exceeding 1 mm but less than 3 mm: (Not in Coils) | Cold Rolled Carbon Steel Sheets, Strips and Coils - As per JIS G-3141, ASTM A-1008 (excluding Bake Hardening Steel grade used in manufacturing of outer skin of the automobiles) | Mechanical Properties i.e. Yield Point, tensile strength & elongation, Bendability & Hardness as per JIS G 3141, ASTM A-1008 specification or equivalent | Chemical composition as per JIS G 3141 specified steel grades | International Steel Ltd., 399-404, Rehri Road, Landhi, Karachi                        | Contested by Auto industry that auto grade are not manufactured locally |

|     |          |  |  |  |   |   |   |
|-----|----------|--|--|--|---|---|---|
| 439 | 72092790 | i) Cold Rolled Of thickness of 0.5 mm or more but not exceeding 1 mm: (Not in Coils) | Cold Rolled Carbon Steel Sheets, Strips and Coils - As per JIS G-3141, ASTM A-1008 (excluding Bake Hardening Steel grade used in manufacturing of outer skin of the automobiles) | Mechanical Properties i.e. Yield Point, tensile strength & elongation, Bendability & Hardness as per JIS G 3141, ASTM A-1008 specification or equivalent | Chemical composition as per JIS G 3141 specified steel grades | International Steel Ltd., 399-404, Rehri Road, Landhi, Karachi              | Contested by Auto industry that auto grade are not manufactured locally |
| 442 | 72099010 | iii) Cold Rolled Coils of 3 mm or above  | <del>Cold Rolled Carbon Steel Sheet, Coils and Strips</del> as per JIS G-3141, ISO-3574, ASTM A-1008 [Excluding SPCE grade and other auto grades]                                | As per JIS G-3141, ISO-3574, ASTM A-1008   | As per JIS G-3141, ISO-3574, ASTM A-1008                      | BBJ Steel Limited, 4 <sup>th</sup> Floor, BBJ House, 40 Abbot Road, Lahore. | M/s BBJ Steel requested for amendment in existing entry.                |
|     |          | iv) Cold rolled coils 0.5 mm to 3.0 mm   | -  | -  | -   |   |   |
| 443 | 72099090 | i) Cold Rolled Coils Of 3 mm and above:  | Cold Rolled Carbon Steel Sheets, Strips and Coils - As per JIS G-3141, ASTM A-1008 (excluding Bake Hardening Steel grade used in manufacturing of outer skin of the automobiles) | Mechanical Properties i.e. Yield Point, tensile strength & elongation, Bendability & Hardness as per JIS G 3141, ASTM A-1008 specification or equivalent | Chemical composition as per JIS G 3141 specified steel grades | International Steel Ltd., 399-404, Rehri Road, Landhi, Karachi              | Contested by Auto industry that auto grade are not manufactured locally |
|     |          | iii) Cold Rolled Coils of 3 mm or above  | <del>Cold Rolled Carbon Steel Sheet, Coils and Strips</del> as per JIS G-3141, ISO-3574, ASTM A-1008 [Excluding SPCE grade and other auto grades]                                | As per JIS G-3141, ISO-3574, ASTM A-1008   | As per JIS G-3141, ISO-3574, ASTM A-1008                      | BBJ Steel Limited, 4 <sup>th</sup> Floor, BBJ House, 40 Abbot Road, Lahore. | M/s BBJ Steel requested for amendment in existing entry.                |

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|-----|----------|--|--|--|--|---|---|
|     |          | iv) Cold rolled coils 0.5 mm to 3.0 mm | -  | -  | -  |   |   |
| 449 | 72104990 | Galvanized Steel                       | Hot Dip Zinc Coated Steel Sheets, Strips and Coils As per JIS G-3302, ASTM A-653   | Mechanical Properties as per JIS G 3302, ASTM A 653/ A653M specifications, Dimensional tolerances as per JIS G 3302, ASTM A 924/ A924M | Chemical composition as per JIS G 3302, ASTM A 653 / A 653M  | 1) International Steel Ltd., 399-404, Rehri Road, Landhi, Karachi<br>2) Aisha Steel Mills Ltd., DSU-45, Pakistan Steel, Down Stream Industrial Estate, Bin Qasim. Karachi | Contested by Auto industry that auto grade are not manufactured locally |
| 453 | 72109090 | Other                                  | Continuously organic coated (color coated) steel flat products including Color Coated Corrugated, As per EN10169, JIS G-3312, ASTM A-755 | --   | --   | International Steel Ltd., 399-404, Rehri Road, Landhi, Karachi  | Contested by Auto industry that auto grade are not manufactured locally |
| 455 | 72111390 | Steel sheets & plates (Hot rolled)     | Width : 950 mm - 1500 mm<br>Length : Up to 3000 mm   | Black surface  | All type of carbon steel grades. Chemical composition as per international quality standards or as specified by customers. | Peoples Steel Mills Ltd., Javedan Nagar, Manghpir, Karachi  | Contested by Auto industry that auto grade are not manufactured locally |



|     |          |   |  |   |   |   |  |
|-----|----------|---|--|---|---|---|--|
| 457 | 72111490 | Steel plates & sheets<br>(Hot rolled)                       | Width : 1500 mm<br>(max.)<br>Length : Up to 12000<br>mm, depending upon<br>thickness & width   | Black surface   | All type of carbon steel<br>grades. Chemical<br>composition as per<br>international quality<br>standards or as specified<br>by customers. | Peoples Steel Mills Ltd.,<br>Javedan Nagar, Manghpir,<br>Karachi  | Contested by Auto<br>industry that auto<br>grade are not<br>manufactured locally<br><br>M/s PSM responded<br>that they are capable<br>to supplying in cut to<br>size and not in coil.<br><br>M/s PSM responded<br>that they are capable<br>to supplying steel strip<br>thickness 4mm and<br>above. |
| 458 | 72111990 | Iron or Steel Strips  | CR steel strips<br>thickness range: 04 to<br>2.8mm sizes: available<br>in all types and sizes  | --  | --  | International Industries Ltd.,<br>LX 15-16, Landhi Industrial<br>Area, Karachi  | Contested by Auto<br>industry that auto<br>grade are not<br>manufactured locally   |
| 460 | 72111990 | Cold Rolled Steel strips<br>of thickness exceeding<br>0.5mm | Cold Rolled Carbon<br>Steel Sheets, Strips<br>and Coils - As per JIS<br>G-3141, ASTM A-<br>1008 (excluding Bake<br>Hardening Steel grade<br>used in manufacturing<br>of outer skin of the<br>automobiles)<br>As per BSS-4461-<br>1969, ASTM-A36-75,<br>ASTM-615-76a (1977) | Mechanical Properties<br>i.e. Yield Point, tensile<br>strength & elongation,<br>Bendability &<br>Hardness as per JIS G<br>3141, ASTM A-1008<br>specification or<br>equivalent | Chemical composition as<br>per JIS G 3141 specified<br>steel grades   | 1) International Steel Ltd.,<br>399-404, Rehri Road, Landhi,<br>Karachi<br>2) Metropolitan Steel<br>Corporation Limited, 706-<br>Progressive Plaza, 101-<br>Bemount Road, Karachi | Contested by Auto<br>industry that auto<br>grade are not<br>manufactured locally   |

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|-----|----------|--|---|--|--|---|---|
| 465 | 72125090 | Color Steel Strips of a width less than 600 mm   | Continuously organic coated (color coated) steel flat products including Color Coated Corrugated As per EN10169, JIS G-3312, ASTM A-755 | --   | --   | International Steel Ltd., 399-404, Rehri Road, Landhi, Karachi  | Contested by Auto industry that auto grade are not manufactured locally |
| 472 | 72139191 | Hot Rolled (Non-Alloyed) Steel Wire Rod (irregular wound coils), circular cross section measuring 5.5mm to 20mm in diameter. | SAE 1006, SAE 1008, SAE 1010, SAE 1015, SAE 1020, SAE 1025, EWNR, EH10K, ER70SG, EA2, SAE 1030, SAE 1038, SAE 1040                      | As per SAE, AISI, ASTM, EN and other International Standards | As per SAE, AISI, ASTM, EN and other International Standards   | 1) ASG Metals Ltd., EIZ/LL/SP-08, Eastern Industrial Zone, Port Qasim Authority, Karachi<br>2) Horizon Steel (Pvt) Ltd., D-93, Block-4, Kehkshan, Clifton, Karachi  | Contested by Auto industry that auto grade are not manufactured locally |
| 473 | 72139199 | Hot Rolled (Non-Alloyed) Steel Wire Rod (irregular wound coils), circular cross section measuring 5.5mm to 20mm in diameter. | SAE 1006, SAE 1008, SAE 1010, SAE 1015, SAE 1020, SAE 1025, EWNR, EH10K, ER70SG, EA2, SAE 1030, SAE 1038, SAE 1040                      | As per SAE, AISI, ASTM, EN and other International Standards | As per SAE, AISI, ASTM, EN and other International Standards   | 1) ASG Metals Ltd., EIZ/LL/SP-08, Eastern Industrial Zone, Port Qasim Authority, Karachi<br>2) Horizon Steel (Pvt) Ltd., D-93, Block-4, Kehkshan, Clifton, Karachi  | Contested by Auto industry that auto grade are not manufactured locally |
| 474 | 72139990 | i) 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<br>C% = 0.39/0.46, Mn% = 0.40/0.80, P% Max = 0.030, S % Max = 0.030, Si% = 0.15/0.30 | 1) Sandal Bar Rolling Mills (Pvt) Ltd., 1st Floor 48 Nishtar Road, Lahore<br>2) ASG Metals Ltd., EIZ/LL/SP-08, Eastern Industrial Zone, Port Qasim Authority, Karachi<br>3) Horizon Steel (Pvt) Ltd., D-93, Block-4, Kehkshan, Clifton, Karachi<br>4) Pakistan Association of Large Steel Producers | Contested by Auto industry that auto grade are not manufactured locally |

|     |          |   |   |               |  |   |   |
|-----|----------|---|---|---------------|--|---|---|
| 480 | 72143090 | i) Steel Bars and Rods  | Free cutting steel, 6.4 mm to 60 mm dia   | --            | --   | 1) Amreli Steels Ltd., D/89, Shershah Road, SITE, Karachi<br>2) Agha Steel Industries, Plot No. NWIZ/I/P-133(SP-6) D-2, Port Qasim Authority, Karachi<br>3) Fazal Steel (PVT.) Limited, Plot No. 418-421 Industrial Area, I-9, Islamabad  | Contested by Auto industry that auto grade are not manufactured locally |
| 484 | 72151090 | Bars and Rods   | 5.5 mm to 12 mm in coils<br>Cold drawn bars;<br>Diameter : 12 - 80 mm, Length : 4000 - 6000mm | --            | All type of carbon steel grades. Chemical composition as per international quality standards or as specified by customers. | 1) Peoples Steel Mills Ltd., Javedan Nagar, Manghpir, Karachi<br>2) ASG Metals Ltd., EIZ/LL/SP-08, Eastern Industrial Zone, Port Qasim Authority, Karachi<br>3) Horizon Steel (Pvt) Ltd., D-93, Block-4, Kehkshan, Clifton, Karachi<br>4) Pakistan Association of Large Steel Producers | Contested by Auto industry that auto grade are not manufactured locally |
| 486 | 72155090 | Bars of free-cutting & other alloy steel, cold-formed/ finished | Cold drawn bars;<br>Diameter : 12 - 80 mm, Length : 4000 - 6000mm                             | Black surface | All type of carbon steel grades. Chemical composition as per international quality standards or as specified by customers. | 1) Peoples Steel Mills Ltd., Javedan Nagar, Manghpir, Karachi<br>2) ASG Metals Ltd., EIZ/LL/SP-08, Eastern Industrial Zone, Port Qasim Authority, Karachi<br>3) Horizon Steel (Pvt) Ltd., D-93, Block-4, Kehkshan, Clifton, Karachi<br>4) Pakistan Association of Large Steel Producers | Contested by Auto industry that auto grade are not manufactured locally |

|     |          |   |   |                                   |                 |  |   |
|-----|----------|---|---|-----------------------------------|-----------------|--|---|
| 488 | 72159090 | Bars and rods of iron or non- alloy steel   | As per Standard   | As per Standard                   | As per Standard | 1) ASG Metals Ltd., EIZ/LL/SP-08, Eastern, Industrial Zone, Port Qasim Authority, Karachi<br>2) Horizon Steel (Pvt) Ltd. D-93, Block-4, Kehkshan, Clifton, Karachi<br>3) Pakistan Association of Large Steel Producers                                   | Contested by Auto industry that auto grade are not manufactured locally |
| 498 | 72164010 | L or T sections, not further worked than hot-rolled, hot drawn or extruded, of a height of 80mm or more           | of a height exceeding 150mm   | (ASTM A-36, SR-24, A572, SRJ 275) | --              | 1) Ishtiaq Steel Industry, 43-B PECO Road Badami Bagh Lahore.<br>2) ASG Metals Ltd., EIZ/LL/SP-08, Eastern Industrial Zone, Port Qasim Authority, Karachi<br>3) Batala Steel, Near Kot Abdul Malik Motorway Interchange, Lahore Sheikhupura Road, Laotre | Contested by Auto industry that auto grade are not manufactured locally |
| 502 | 72171000 | i) 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 | 1) Metropolitan Steel Corporation Limited, 706-Progressive Plaza, 101-Bemount Road, Karachi<br>2) ASG Metals Ltd., EIZ/LL/SP-08, Eastern Industrial Zone, Port Qasim Authority, Karachi  | Contested by Auto industry that auto grade are not manufactured locally |
| 503 | 72172000 | i) Zinc or Zinc Alloy Coated Wire for armouring of power cables/ Zinc Coated Steel Wire for ACSR/ Galvanized Wire | BS EN10257-1, ASTM A-164, ASTM B633, ASTM A121, ASTM B498, BS 4565, BS 3533 | As per Standard                   | As per Standard | Pakistan Wire Industries E-51, Textile Avenue, SITE, Karachi   | Contested by Auto industry that auto grade are not manufactured locally |
| 512 | 72192390 | i) Sheets of stainless steel  | 0.35-6 mm thick, width upto .75 M and length upto 3 M.                      | --                                | --              | Mughal Steel, 77 K.M. Sheikhupura Road, Lahore   | Contested by Auto industry that auto grade are not manufactured locally |

|     |          |   |   |  |   |   |  |
|-----|----------|---|---|--|---|---|--|
| 517 | 72193390 | Flat Cold Rolled Products of Stainless Steel Sheet & Coil | Width 500mm to 750mm of thickness 0.5mm to 4.75mm   | Cold Rolled  | Pure stainless steel  | AHN Steel (Pvt) Ltd., 10-Abbot Road, Lahore   | Contested by Auto industry that auto grade are not manufactured locally  |
| 519 | 72193490 | Flat Cold Rolled Products of Stainless Steel Sheet & Coil | Width 500mm to 750mm of thickness 0.5mm to 4.75mm   | Cold Rolled  | Pure stainless steel  | AHN Steel (Pvt) Ltd., 10-Abbot Road, Lahore   | Contested by Auto industry that auto grade are not manufactured locally  |
| 526 | 72202090 | Flat Cold Rolled Products of Stainless Steel Sheet & Coil | Width 500mm to 750mm of thickness 0.5mm to 4.75mm   | Cold Rolled  | Pure stainless steel  | AHN Steel (Pvt) Ltd., 10-Abbot Road, Lahore   | Contested by Auto industry that auto grade are not manufactured locally  |
| 529 | 72222000 | Cold draw stainless steel bars                            | Cold drawn bars; Diameter : 12 - 80 mm Length : 4000 - 6000mm   | Bright surface   | All type of stainless steel grades. Chemical composition as per international quality standards or as specified by customers. | Peoples Steel Mills Ltd., Javedan Nagar, Manghpir, Karachi  | Contested by Auto industry that auto grade are not manufactured locally  |
| 532 | 72253000 | Plates & Sheets (Hot rolled)                              | Plates (Hot rolled): Th.:10 mm (min.), Width:1500 mm(max.), Length:4000-6000 mm Sheets (Hot rolled):Th.:3 mm(max.), Width:950 mm (max.), Length:3000 mm(max.)                   | Black surface  | All type of stainless steel grades. Chemical composition as per international quality standards or as specified by customers. | Peoples Steel Mills Ltd., Javedan Nagar, Manghpir, Karachi  | Contested by Auto industry that auto grade are not manufactured locally  |
| 534 | 72255000 | Cold Rolled of a width of 600 mm or more                  | Cold Rolled Alloy Steel Sheets, Strips and Coils - As per JIS G-3141, ASTM A-1008 (excluding Bake Hardening Steel grade used in manufacturing of outer skin of the automobiles) | Mechanical Properties i.e. Yield Point, tensile strength & elongation, Bendability & Hardness as per JIS G 3141, ASTM A-1008 specification or equivalent | Chemical composition as per JIS G 3141 specified steel grades   | 1) International Steel Ltd., 399-404, Rehri Road, Landhi, Karachi<br>2) Aisha Steel Mills Ltd., DSU-45, Pakistan Steel, Down Stream Industrial Estate, Bin Qasim, Karachi | 1. Contested by Auto industry that auto grade are not manufactured locally<br>2.Aisha requested to add their name in this entry. |

|     |          |                                |   |  |   |   |   |
|-----|----------|--------------------------------|---|--|---|---|---|
| 539 | 72269200 | Cold Rolled of less than 600mm | Cold Rolled Alloy Steel Sheets, Strips and Coils - As per JIS G-3141, ASTM A-1008 (excluding Bake Hardening Steel grade used in manufacturing of outer skin of the automobiles) | Mechanical Properties i.e. Yield Point, tensile strength & elongation, Bendability & Hardness as per JIS G 3141, ASTM A-1008 specification or equivalent | Chemical composition as per JIS G 3141 specified steel grades | International Steel Ltd., 399-404, Rehri Road, Landhi, Karachi  | Contested by Auto industry that auto grade are not manufactured locally |
| 541 | 72279010 | Hot Rolled Bars of alloy steel | As per BSS-4461-1969, ASTM-A36-75, ASTM-615-76a (1977) / SAE 1006CR, SAE 1008CR, SAE 1010CR, SAE 1015CR, SAE 1020CR, SAE 1025CR, SAE 1030CR, SAE 1038CR, SAE 1040CR             | As per SAE, AISI, ASTM, EN and other International Standards   | As per SAE, AISI, ASTM, EN and other International Standards  | 1) Metropolitan Steel Corporation Limited, 706-Progressive Plaza, 101-Bemount Road, Karachi<br>2) ASG Metals Ltd., EIZ/LL/SP-08, Eastern Industrial Zone, Port Qasim Authority, Karachi<br>3) Horizon Steel (Pvt) Ltd., D-93, Block-4, Kehkshan, Clifton, Karachi<br>4) Pakistan Association of Large Steel Producers | Contested by Auto industry that auto grade are not manufactured locally |
| 542 | 72279090 | Hot Rolled Bars of alloy steel | As per BSS-4461-1969, ASTM-A36-75, ASTM-615-76a (1977) / SAE 1006CR, SAE 1008CR, SAE 1010CR, SAE 1015CR, SAE 1020CR, SAE 1025CR, SAE 1030CR, SAE 1038CR, SAE 1040CR             | As per SAE, AISI, ASTM, EN and other International Standards   | As per SAE, AISI, ASTM, EN and other International Standards  | 1) Metropolitan Steel Corporation Limited, 706-Progressive Plaza, 101-Bemount Road, Karachi<br>2) ASG Metals Ltd., EIZ/LL/SP-08, Eastern Industrial Zone, Port Qasim Authority, Karachi<br>3) Horizon Steel (Pvt) Ltd., D-93, Block-4, Kehkshan, Clifton, Karachi<br>4) Pakistan Association of Large Steel Producers | Contested by Auto industry that auto grade are not manufactured locally |

|     |          |  |   |  |   |   |   |
|-----|----------|--|---|--|---|---|---|
| 548 | 72284000 | Alloy steel, Forged bars   | Press forging:<br>Shafts : Dia 700 mm (max.)<br>Disc dia : 1500 mm (Max)<br>Length : 8000 mm (max.)<br>Weight : 12 mt.<br>Radial Forging:<br>Square, Round, & Varying section profile, axles of cross section 60 mm to 200 mm and flat 30 - 150 mm & width 60 - 180 mm, Length 4000 - 6000 mm | Black surface/<br>Machined   | All type of alloy steel grades. Chemical composition as per international quality standards or as specified by customers. | Peoples Steel Mills Ltd.,<br>Javedan Nagar, Manghpir,<br>Karachi  | Contested by Auto industry that auto grade are not manufactured locally |
| 549 | 72285000 | Alloy steel, Cold drawn bars   | Cold drawn bars;<br>Diameter : 12 - 80 mm<br>Length : 4000 - 6000mm   | Bright surface   | All type of alloy steel grades. Chemical composition as per international quality standards or as specified by customers. | Peoples Steel Mills Ltd.,<br>Javedan Nagar, Manghpir,<br>Karachi  | Contested by Auto industry that auto grade are not manufactured locally |
| 552 | 72299000 | CO <sub>2</sub> Gas Shielded Arc Welding/Mig Welding Wire 0.80 mm, 0.90 mm, 1.00 mm, 1.20 mm and 1.60 mm | AWS ER70S6/DIN SG2/GB ER56-6  | Copper Coated/Tensile Strength>490 Mpa/Elongation>26%/ Shrinkage>72% | C: 0.06~ 0.15<br>SI: 0.80~ 1.15<br>Mn: 1.40~ 1.85   | 1) Bead Tech (Pvt) Ltd.<br>22-KM, Lhr-Skp. Rd, Stop Qilla Sattar Shah, Pindi Das Rd., Lahore<br>2) ASG Metals Ltd., EIZ/LL/SP-08, Eastern, Industrial Zone, Port Qasim Authority, Karachi<br>3) Horizon Steel (Pvt) Ltd., D-93, Block-4, Kehkshan, Clifton, Karachi | Contested by Auto industry that auto grade are not manufactured locally |

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|-----|----------|---|--|---|---|---|---|
| 559 | 73043100 | Pipes, Iron or non-alloy steel (unthreaded) | Seamless Steel Pipes / Tubes of other cross-section, of iron or non-alloy steel.<br>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<br>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<br>UNI 8863; Sizes: 10.3mm to 273mm | As per required standard/ specification | As per required standard/ specification | Huffaz Seamless Pipe Industries Ltd., 207-210 2nd Floor, Mashriq Centre, Block-14, Gulshan-e-Iqbal, Karachi | Contested by Auto industry that auto grade are not manufactured locally |
|-----|----------|---|--|---|---|---|---|



|     |          |  |  |   |   |   |   |
|-----|----------|--|--|---|---|---|---|
| 560 | 73043900 | 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<br>Sizes : 10.3 mm to 273mm<br>(excluding internally coated pipes) | As per required standard/ specification | As per required standard/ specification | Huffaz Seamless Pipe Industries Ltd., 207-210 2nd Floor, Mashriq Centre, Block-14, Gulshan-e-Iqbal, Karachi | Contested by Auto industry that auto grade are not manufactured locally |
| 571 | 73063090 | i) Hot-dipped galvanized steel pipes for water, gas, structural and other applications | 3/8" to 8" diameter<br>1.8 mm to 7.11 mm<br>Wall Thickness   | As per Standard                         | As per Standard                         | International Industries Ltd., LX 15-16, Landhi Industrial Area, Karachi                                    | Contested by Auto industry that auto grade are not manufactured locally |
|     |          | ii) ERW black pipe for structural, firefighting and pressure applications              | 3/8" to 12" diameter<br>1.60 mm to 12.7 mm<br>Wall Thickness   | As per Standard                         | As per Standard                         | International Industries Ltd., LX 15-16, Landhi Industrial Area, Karachi                                    |   |
| 572 | 73064000 | Stainless Steel ornamental tubes (circular)  | 1/2" to 3" diameter<br>0.9 mm to 2.5 mm<br>Wall Thickness  | As per Standard                         | As per Standard                         | International Industries Ltd., LX 15-16, Landhi Industrial Area, Karachi                                    | Contested by Auto industry that auto grade are not manufactured locally |

|     |          |   |   |  |  |   |   |
|-----|----------|---|---|--|--|---|---|
| 573 | 73065000 | i) Welded Steel Pipe and Coating                      | Upto 120" dia., wall th. upto 25.4mm, grade upto API 5 L X 100 (PSL-1 & PSL-2)<br>External 3-Layer Polyethylene/ Polypropylene Coating, External & Internal Epoxy Coating, Tape Coating, External Internal Cement Lining/ Coating | As per API 5L PSL-1 & PSL-2 and other International standards<br>As per DIN & AWWA standards | As per API 5L PSL-1 & PSL-2 and other International standards<br>As per DIN & AWWA standards | Crescent Steel and Allied Product Ltd., 9th Floor, SIDCO Avenue Centre, 264-RA Lines, Karachi-74400 | Contested by Auto industry that auto grade are not manufactured locally |
|     |          | ii) Pipes made from alloy steel                       | 3/8" to 12" diameter<br>1.6 mm to 12.7 mm Wall thickness  | As per Standard  | As per Standard  | International Industries Ltd., LX 15-16, Landhi Industrial Area, Karachi                            |   |
| 574 | 73066100 | Stainless Steel ornamental tubes (squares/rectangles) | Square: ½ "x ½" to 2" x 2"<br>Rectangle: ½ "x ¾ " to 1 ½ "x 3"<br>1mm to 2.5 mm Wall Thickness  | As per Standard  | As per Standard  | International Industries Ltd., LX 15-16, Landhi Industrial Area, Karachi                            | Contested by Auto industry that auto grade are not manufactured locally |

|     |          |   |   |                 |                  |  |   |
|-----|----------|---|---|-----------------|------------------|--|---|
| 576 | 73069000 | i) Pipes of Iron or steel                                     | GI pipes: Dia.15, 20, 25, 32, 40, 50, 65, 80, 100, 125 & 150 mm (½", ¾", 1", 1¼", 1½", 2", 2½", 3", 4", 5" & 6"), Wall Th. 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 Th.0.60mm to 2.0mm, Standards BS 6323 Part 1 & 5 (1982) | As per Standard | Low carbon steel | International Industries Ltd., LX 15-16, Landhi Industrial Area, Karachi                 | Contested by Auto industry that auto grade are not manufactured locally |
| 593 | 73121010 | i) 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 | Contested by Auto industry that auto grade are not manufactured locally |
|     |          | ii) Galvanized Steel Strands Steel Wire / Rope                | BS 302, JIS G3525, BS 2763  | As per Standard | As per Standard  | Pakistan Wire Industries, E-51, Textile Avenue, SITE, Karachi                            |   |
|     |          | iii) Galvanized Steel Wire Stranded / Galvanized steel wire   | WAPDA P 12:80   | --              | --               | Newage Cables (Pvt) Ltd., Newage Mansion Mcleod Road, Lahore                             |   |

|  |  |                                     |  |   |
|--|--|-------------------------------------|--|---|
| iv) P.C Strand   | Size 3/8", 7/16" & 1/2"  | --                                  | C-Si-Mn-P-S-Cr-Ni-Cu<br>Al & Mo  | 1) Cable & Conductor Ltd.,<br>1st Floor, 41 Civic Centre,<br>Barkat Market New Garden<br>Town, Lahore<br>2) United Wire Industries<br>(Pvt) Ltd., 19/20 KM, Lahore<br>Sheikhupura Road, Lahore              |
| v) Pre-Stressed<br>Concrete steel Wire<br>Spiral/ Plain for<br>Railways Sleeper /<br>Ready made roofs and<br>other | JIS G 3506 / SWRH-<br>82 B (ASTM A-<br>416/B.s. 5896 Grade<br>250/270-K, Normal<br>Relaxation, Not<br>Electrically Insulated)<br>ASTM A421-15 BS<br>5896, JIS G3536 GB-<br>T 5223-2014 and<br>equivalent | 7 Wire Strands 1/2",<br>3/8", 7/16" | C 0.81, Si 0.24, Mn<br>0.84, P 0.015, S 0.012  | 1) Wire Manufacturing<br>Industry Ltd., 45-KM Lahore-<br>Multan Road, Nathey Khalsa,<br>Bhai Pheru, District Kasur<br>2) United Wire Industries<br>(Pvt) Ltd., 19/20 KM, Lahore<br>Sheikhupura Road, Lahore |
| vi) Prestressed<br>Concrete Wire   | JIS G 3506 / 1980<br>SWRH-82 B(ASTM A-<br>421 Grade 250/270-K,<br>Not Electrically<br>Insulated)   | Wire (variable dia)                 | C 0.80/ .84, Si 0.22, Mn<br>.60/.80, P .02X, S.02X,<br>Cr .240/.260, N .010, Cu<br>.007, Ni .014, Mo .001,<br>V .025 | Wire Manufacturing Industry<br>Ltd., 45-KM Lahore-Multan<br>Road, Nathey Khalsa, Bhai<br>Pheru, District Kasur  |
| vii) High Carbon Steel<br>wire strand  | JIS G 3536 SWRH-<br>82B-1 (Not<br>Electrically Insulated)  | Wire (variable dia)                 | C 82/83, Si 23/27, Mn<br>76, P 11/17, S 4/6, Cr<br>17/19   |   |
| viii) High Tensile Steel<br>Wire   | JIS G 3506 /B.S. 5896<br>(Grade 250/270-K,<br>Normal Relaxation,<br>Not Electrically<br>Insulated)   | Wire (variable dia)                 | C .81%-.83%, Mn .75-<br>77%, P .010-.014%, S<br>.002%-.005%, Si .25-<br>.26%,Sr .17%-.18%                            |   |

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|-----|----------|--|--|--|---|--|---|
|     |          | ix) 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 |  |   |
| 594 | 73121020 | i) Stranded ropes of Iron or steel, not electrically insulated | ASTM, JIS all International spec                           | Low Carbon to High Carbon Steel Wire & Ropes | --  | 1) Chaudhri Wire Rope Industries (Pvt) Ltd., 25 Km G.T Road Muridke, Lahore<br>2) Newage Cables (Pvt) Ltd., Newage Mansion Mcleod Road, Lahore<br>3) Peoples Steel Mills Ltd. Javedan Nagar, Manghipir Karachi | M/s People Steel requested to add their name in this entry. |
|     |          | ii) Steel Wire Rope  | 6X7FC,SC & IWrC-6X12, 6X19, 6X24, 6X36, 6X37 FC, SC & IWRD | --   | C-Si-Mn-P-S-Cr-Ni-Cu Al & Mo  | 1) Cable & Conductor Ltd., 1st Floor, 41 Civic Centre, Barkat Market New Garden Town, Lahore<br>2) Peoples Steel Mills Ltd. Javedan Nagar, Manghipir Karachi   | M/s People Steel requested to add their name in this entry. |
|     |          | iii) Wire Rope (Not electrically insulated)                    | SWRH 42B, 47B, 62B & 72B<br>JIS G 3506                     | 8 mm to 20 mm Ø                              | C/ 62-72, Si 195, Mn 67, P .6, S .13, Si 195-201  | 1) Wire Manufacturing Industry Ltd., 45-KM Lahore-Multan Road, Nathey Khalsa, Bhai Pheru, District Kasur<br>2) Peoples Steel Mills Ltd. Javedan Nagar, Manghipir Karachi                                       | M/s People Steel requested to add their name in this entry. |

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|-----|----------|------------------------------------|---|---|---|---|---|
| 603 | 73181400 | i) Screws (Self-Tapping, Threaded) | Gauges : 4 SG to 14 SG<br>Lengths : 1/2" to 5"<br>(or Metric equivalents)<br>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 | Contested by Auto industry that auto grade are not manufactured locally |
|     |          | ii) Machine Screws                 | Guages : 1/8 to 5/16" & M3 to M8<br>Lengths : upto 5" or 125mm<br>BS-4183 & DIN Standards 963, 964 & 965. | All types of Heads, Zinc & Rainbow Plated.  | Mild Steel & Stainless Steel.   |   |   |
|     |          | iii) Drywall (Bugle Head) Screws.  | Guages : 6 to 12 SG<br>Length : Upto 3"<br>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. |   |   |
| 604 | 73181590 | i) Bolts of Iron or steel          | i) Dia M6 ~ M24, SAE 4.8, 5.8, 8.8, 10.9, 12.9  | SAE 1,2,5,8,A574<br>Tensile:60,74,120,150, 180 KSI<br>Yield Strength:<br>36,57,92,81,130,160 KSI  | S&P 0.045% max, &   | Mirza Younas & Co., Zahoor Coloney Momin Pura Road, Near Bhatta Daroghawala,Lahore            | Contested by Auto industry that auto grade are not manufactured locally |
|     |          |                                    | ii) Dia M6 ~ M24, M.S & High Tensile  | SAE 5, SAE 8 , SAE 2<br>Tensile Stress 120 KSI,150 KSI,   | Mn 0.20 – 0.60% & Stainless Steel.  |   |   |

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|--|---|--|--|---|
|  | iii) 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 |   |
|  | iv) 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                              |
|  | v) 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                             |
|  | vi) 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 |
| ii) Hex Washer Indented / Hex Flange Indented / Hex Top Round Metric Bolts Material: Low carbon steel (Length6 mm-100 mm) (Gauge:M4-M10) - Other than Automotive | Used specifically in Industrial, construction and Home Appliances Industry                            | Length 6 mm-100 mm & Gauge: M4-M10 to be checked against the standard of JIS B 1189 Length 6 mm-100 mm & Gauge: M4-M10 to be checked against the standard of DIN 558/DIN 933/JIS B1180 | C:0.08%  |   |
| iii) Hex Head Metric Bolt Material: Low carbon steel (Length6 mm-100 mm) (Gauge:M4-M8)- Other than Automotive  |   |  |  |   |

|     |          |  |   |   |   |  |  |
|-----|----------|--|---|---|---|--|--|
|     |          | Nut & Bolts 2 " to 14 "                                      | WAPDA Specification<br>DDS-10:85  | --  | --  | Vision Engineering Pvt Ltd.,<br>160/ S, Q.I.E. Kot Lakhpat<br>Lahore   |  |
| 608 | 73251000 | Articles of Cast Iron  | - Cast iron castings<br>upto 28 tons weight<br>(sigle piece) steel<br>casting (low alloy)<br>upto 32 tons weight<br>(single piece)<br>- Gray Cast Iron,<br>From 1 kg to 1000 kg | --  | --  | 1) Heavy Mechanical<br>Complex (Pvt) Ltd., Taxila<br>2) Jamal-ud-Din Sons & Co.,<br>44 Umer Market Link Railway<br>Road, Near Railway Station<br>Lahore. | Contested by Auto<br>industry that auto<br>grade are not<br>manufactured locally   |
| 610 | 73259900 | i) Articles of Cast Mild<br>Steel<br>ii) Articles of SG Iron | Casted Mild Steel<br>From 1 kg to 1000 kg<br>SG Iron From 1 kg to<br>500 kg   | --  | --  | Jamal-ud-Din Sons & Co., 44<br>Umer Market Link Railway<br>Road, Near Railway Station<br>Lahore.   | Contested by Auto<br>industry that auto<br>grade are not<br>manufactured locally   |
| 612 | 73261911 | Crank Shaft Forgings   | Crank shaft forging for<br>motor cycle engine   | Apprearance smooth<br>forged steel. Silver<br>grey. Hardness HRC<br>17-25 | AISI 1045, C = 0.43-<br>0.50, Si = ≤0.15-0.35<br>Mn = 0.30-0.60 | Jin Kwang Jaz (Pvt) Ltd., DSU-<br>33, Down Stream Industrial<br>Estate, Pakistan Steel, Bin<br>Qasim, Karachi  | Contested by Auto<br>industry that auto<br>grade are not<br>manufactured locally   |
| 614 | 73261990 | i) Steel free forged<br>items                                | Steel free forged items<br>upto 120kg per piece<br>weight   | --  | --  | Heavy Mechanical Complex<br>(Pvt) Ltd., Taxila   | Contested by Auto<br>industry that auto<br>grade are not<br>manufactured locally<br><br>M/s HMC requested<br>to share drawings &<br>specifications for<br>assessment.<br><br>M/s Jinkwang<br>requested to share<br>the details/<br>specifications. |



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|-----|----------|---|--|---|--|---|--|
|     |          | ii) Articles, Forged or stamped, iron or alloy steels | Die/ Free forged, Die forging up to 5Kg. Free Forging up to 1000Kgs                            | Machined  | All type of alloy steel grades. Chemical composition as per international quality standards or as specified by customers.  | Peoples Steel Mills Ltd., Javedan Nagar, Manghipir, Karachi   |  |
|     |          | iii) Other Forgings                                   | i) Car forging component for towing, hub front axle wheel, engine assembly, gear assembly etc. | Appearance smooth forged steel. Silver grey. Hardness HRC 17-25 | - AISI 1025, C= 0.22-0.28, Si = ≤0.15-0.35, Mn = 0.30-0.60<br>- AISI 1035, C = 0.32-0.38, Si = 0.15-0.35, Mn = 0.6-0.9<br>- AISI 1045, C = 0.43-0.50, Si = ≤0.15-0.35, Mn = 0.30-0.60<br>- SVDH23F, C = 0.25-0.26, Si = 0.26, Mn = 1.54-1.55<br>- S40VCSS1A, C = 0.38-0.43, Si = 0.40-0.60, Mn = 0.70-1.00<br>- S53C, C = 0.5-0.56, Si = 0.15 - 0.35, Mn = 0.6 - 0.9 | Jin Kwang Jaz (Pvt) Ltd., DSU-33, Down Stream Industrial Estate, Pakistan Steel, Bin Qasim, Karachi |  |
|     |          |   |  |   |  |   | ii) Tractor forging components for coupling, pump, shaft, weight, differential and gear assembly |
| 615 | 73269060 | i) LT ABC Dead End (Anchoring) clamp                  | Cable Messenger at the Dead End Point  | --  | --   | Alsons Industries (Pvt) Ltd., S-18, S.I.T.E., Karachi   | Contested by Auto industry that auto grade are not manufactured locally                          |

|     |          |  |  |  |                |   |  |
|-----|----------|--|--|--|----------------|---|--|
|     |          | ii) HT ABC Dead end Clamp (Anchoring)          | Aerial Bundled Cable (3x185 mm <sup>2</sup> Dead End End Connections Specification K-R&D-HTABC-PD-29 | --                                     | --             |   |  |
|     |          | iii) Dead End Clamp for Dog & Ospery conductor | Holding the Conductor at Dead End in 11 KV Over Head Distribution System                             | --                                     | --             |   |  |
|     |          | iv) Loop dead end clamp LC 10                  | Making the LT Dead Ends & Tee Offs in Over Head Distribution System                                  | --                                     | --             |   |  |
| 621 | 74071020 | Copper Rod                                     | ASTM B-49 Dia 8.00 & 10.50mm<br>ASTM B-49 Electrical Conductor                                       | Breaking Load<br>Elongation Resistance | Purity: 99.99% | 1) Newage Cables (Pvt) Ltd.,<br>Newage Mansion Mcleod<br>Road, Lahore<br>2) H.M. Esmail & Co. (H.M.<br>Cables), SB-5, Madina City<br>Mall, 6th Floor , Abdullah<br>Haroon Road, Karachi<br>3) Pakistan Cables Limited,<br>B-21, SITE, P.O. Box<br>No.5050, Karachi - 75700<br>4) Bawany Metals Ltd., 1001-<br>Unitowers, I.I. Chundrigar<br>Road, Karachi | Contested by Auto<br>industry that auto<br>grade are not<br>manufactured locally |
| 622 | 74081900 | Copper Wire                                    | ASTM B-2 & B-3   | --                                     | --             | 1) Newage Cables (Pvt) Ltd.,<br>Newage Mansion Mcleod<br>Road, Lahore<br>2) Fast Cables Ltd., 192-Y<br>Block, Commercial Area,<br>Phase-III, DHA, Lahore  | Contested by Auto<br>industry that auto<br>grade are not<br>manufactured locally |

|     |          |   |  |   |  |  |  |
|-----|----------|---|--|---|--|--|--|
| 623 | 74082900 | Copper Wire                                     | ASTM B-2 & B-3   | --  | --                                       | 1) Newage Cables (Pvt) Ltd.,<br>Newage Mansion Mcleod<br>Road, Lahore<br>2) Fast Cables Ltd., 192-Y<br>Block, Commercial Area,<br>Phase-III, DHA, Lahore | Contested by Auto<br>industry that auto<br>grade are not<br>manufactured locally   |
| 626 | 74092100 | Brass Coils                                     | Def-Stan 95-9, IU-92,<br>BS-2870, EN-1652  | 0.5 mm – 05 mm<br>Thick, Weighing upto<br>2.4MT | 60:40, 70:30, 80:20,<br>90:10, Any other | Wah Brass Mills (Pvt) Ltd.,<br>Quaid Avenue (Adjacent POF<br>Main Gate), Wah Cantt.  | Contested by Auto<br>industry that auto<br>grade are not<br>manufactured locally<br><br>M/s Wah Brass<br>confirmed its<br>manufacturing<br>capability. |
| 627 | 74092900 | Brass Strips / Sheets/<br>Plates not in Coils   | Def-Stan 95-9, IU-92,<br>BS-2870, EN-1652  | 0.5 mm – 30 mm thick                            | 60:40, 70:30, 80:20,<br>90:10, Any other | Wah Brass Mills (Pvt) Ltd.,<br>Quaid Avenue (Adjacent POF<br>Main Gate), Wah Cantt.  | Contested by Auto<br>industry that auto<br>grade are not<br>manufactured locally<br><br>M/s Wah Brass<br>confirmed its<br>manufacturing<br>capability. |
| 633 | 74152100 | Washers (Brass)<br>including spring<br>washers. | <u>Sizes</u><br>a) Outer Dia upto<br>80mm<br>b) Thickness upto<br>20mm<br><u>Types</u><br>As per customer<br>requirements.<br>Thrust Washers<br>various types. | Sintered Washers<br>made from Bronze<br>Powder. | 90% Copper & 10% Tin<br>or 100% Bronze.  | Adamjee Engineering (Pvt.)<br>Ltd., Plot No. 1 & 16, Sector<br>20, Korangi Industrial Area,<br>Karachi   | Contested by Auto<br>industry that auto<br>grade are not<br>manufactured locally<br><br>M/s Adam Jee<br>confirmed its<br>manufacturing<br>capability.  |

|     |          |                            |  |   |  |  |   |
|-----|----------|----------------------------|--|---|--|--|---|
| 636 | 76012000 | Aluminium Alloy Ingots     | As per following standards;<br>JIS, BS, 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"               | 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% | 1) Sun Metal Industries (Pvt. Ltd., Suite # 108, Anum Trader Center, State Avenue, S.I.T.E. Karachi.<br>2) New Era Industries, F61/G S.I.T.E, Karachi<br>3) Fast Cables Ltd., 192-Y Block, Commercial Area, Phase-III, DHA, Lahore | Contested by Auto industry that auto grade are not manufactured locally   |
| 640 | 76042990 | Profiles of Aluminum Alloy | Door / Window Sections BSS 1474, ASTM-B-221, BSS-3987, AAMA CLASS 1,BSS-1615   | <ul style="list-style-type: none"> <li>• Anodized</li> <li>• Powder Coated</li> </ul> | Aluminium Alloy  | 1) Pakistan Cables Limited, B-21, SITE, P.O. Box No.5050, Karachi - 75700<br>2) Fast Cables Ltd., 192-Y Block, Commercial Area, Phase-III, DHA, Lahore   | Contested by Auto industry that auto grade are not manufactured locally   |
| 656 | 76169910 | i) Cast Steel Castings     | As per client's requirement  | --  | Steel Scrap=95.7%<br>Ferro Manganese=2%<br>Ferro Silicon=2%<br>Ferro Chrome=0.3%                                   | Karachi Shipyard & Engineering Works Ltd., West Wharf Dockyard P.O. Box 4419, Karachi  | Contested by Auto industry that auto grade are not manufactured locally<br><br>KSEW informed that they are not producing auto grades. |
|     |          | ii) Mn Steel Casting       | As per client's requirement  | --  | Steel Scrap=82%<br>Ferro Manganese=14%<br>Ferro Silicon=0.8%<br>Ferro Chrome=2.5%<br>Recarborizer=1.3%             |  |   |
|     |          | iii) Cast Iron Castings    | As per client's requirement  | --  | Pig Iron=75%<br>Steel Scrap=21%<br>Ferro Manganese=2%<br>Ferro Silicon=2%  |  |   |

|     |          |   |   |   |  |  |   |
|-----|----------|---|---|---|--|--|---|
| 672 | 83071000 | Flexible Tube of Base Metals with or without fittings of Iron or Steel or other base metals | - Spiral/Corrugated/Wire Braided Flexible Hose/Tubes/Pipes, Sanitary & Tap's<br>- Flexible Connection | O/D: 12, 14, & 16 mm<br>Pressure: 5 Bar<br><br>T.S: 500 N | S. Steel of 200, 300 series<br><br>Brass & Aluminium         | Facio Industries Ltd., 204, Bank & Business Centre, Near Duty Free Shop, Off. Shahra-e-Faisal Karachi.   | Contested by Auto industry that auto grade are not manufactured locally   |
| 673 | 83079000 | Other Base Metal  | - Spiral/Corrugated/Wire Braided Flexible Hose/Tubes/Pipes, Sanitary & Tap's<br>- Flexible Connection | O/D: 12, 14, & 16 mm<br>Pressure: 5 Bar<br><br>T.S: 500 N | S. Steel of 200, 300 series<br><br>Brass & Aluminium         | Facio Industries Ltd., 204, Bank & Business Centre, Near Duty Free Shop, Off. Shahra-e-Faisal Karachi.   | Contested by Auto industry that auto grade are not manufactured locally   |
| 674 | 83082000 | Rivets  | Aluminum Blind Rivets<br>Guages : 3.00, 4.20 & 4.80mm<br>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            | Contested by Auto industry that auto grade are not manufactured locally<br><br>M/s Adam Jee confirmed its manufacturing capability. |
| 676 | 83111000 | i) Metal Electrodes   | ASTM, JIS All International Spec  | --  | --   | Chaudhri Electrode Industries (Pvt) Ltd., 29 Km Lahore Sheikupura Road, Lahore                           | Contested by Auto industry that auto grade are not manufactured locally   |
|     |          | ii) Welding Electrode (Hard Surfacing, Cast Iron, SS, etc)                                  | E-6013, E-7016, E-7018,   | As per AWS standards                                      | As per AWS standards   | Shanghai Industries (Pvt.) Ltd., Suite # 408, Marine Point, Block -9, Khayaban-e-Romi, Clifton, Karachi. |   |

|     |          |  |  |  |   |  |   |
|-----|----------|--|--|--|---|--|---|
|     |          | iii) Coated Welding Electrodes   | Different specifications (for mild steel, chamfering, low/ high-alloyed steel, cast iron machinable, welding Aluminium, welding bronze and overlays). Special Electrodes with high nickel, Brazing Alloys (brass/ nickel silver) | Different  | Different   | Metallogen (Pvt) Ltd., 175 – S, Industrial Estate, Kot Lakhpat, Town Ship, Lahore 54000. |   |
|     |          | iv) Welding Electrode: (OVERCORD S, E-7018, NIFE-55, UNIVERSE, 80 R, DUR 350,V 1000 & INOX 29/9)         | AWS/ASME SFA-5.1 E6013<br>AWS/ASME SFA-5.1 E7018<br>AWS/ASME SFA-5.15 E NiFe-C1<br>AWS/ASME SFA-5.1 E 7016<br>DIN 8555 E 6-UM-60<br>DIN 8555 E 1-UM-300<br>DIN 8555 E-10-UM-60 R<br>AWS/ASME SFA-5.4 E 312-16                    | --   | --  | Pakistan Welding Electrodes (Pvt) Ltd., Plot No. E-19, S.I.T.E. Karachi                  |   |
| 677 | 83112000 | CO <sub>2</sub> Gas Shielded Arc Welding/Mig Welding Wire 0.80 mm, 0.90 mm, 1.00 mm, 1.20 mm and 1.60 mm | AWS ER70S6/DIN SG2/GB ER56-6   | Copper Coated/Tensile Strength>490 Mpa/Elongation>26%/ Shrinkage>72% | C: 0.06~ 0.15<br>SI: 0.80~ 1.15<br>Mn: 1.40~ 1.85 | Bead Tech (Pvt) Ltd., 22-KM, Lhr-Skp. Rd, Stop Qilla Sattar Shah, Pindi Das Rd., Lahore  | Contested by Auto industry that auto grade are not manufactured locally |

|     |          |  |                              |   |   |   |   |
|-----|----------|--|------------------------------|---|---|---|---|
| 678 | 83113000 | CO <sub>2</sub> Gas Shielded Arc Welding/Mig Welding Wire 0.80 mm, 0.90 mm, 1.00 mm, 1.20 mm and 1.60 mm | AWS ER70S6/DIN SG2/GB ER56-6 | Copper Coated/Tensile Strength>490 Mpa/Elongation>26%/Shrinkage>72% | C: 0.06~ 0.15<br>SI: 0.80~ 1.15<br>Mn: 1.40~ 1.85 | Bead Tech (Pvt) Ltd., 22-KM, Lhr-Skp. Rd, Stop Qilla Sattar Shah, Pindi Das Rd., Lahore   | Contested by Auto industry that auto grade are not manufactured locally |
| 679 | 83119000 | CO <sub>2</sub> Gas Shielded Arc Welding/Mig Welding Wire 0.80 mm, 0.90 mm, 1.00 mm, 1.20 mm and 1.60 mm | AWS ER70S6/DIN SG2/GB ER56-6 | Copper Coated/Tensile Strength>490 Mpa/Elongation>26%/Shrinkage>72% | C: 0.06~ 0.15<br>SI: 0.80~ 1.15<br>Mn: 1.40~ 1.85 | Bead Tech (Pvt) Ltd., 22-KM, Lhr-Skp. Rd, Stop Qilla Sattar Shah, Pindi Das Rd., Lahore   | Contested by Auto industry that auto grade are not manufactured locally |
| 695 | 84089000 | Single Cylinder Diesel Engines   | 3HP to 36 HP                 | --  | --  | 1) Best Engineers, 31-KM Ferozepur Road, Lahore<br>2) Perfect Engineering Company, Moza Bahi Kot, Raiwind, Industrial Estate, Raiwind, Lahore<br>3) Kam Engineering (Pvt) Ltd., Behind Glaxo Lab. Off 19 Km Ferozepur Road, Lahore<br>4) <del>Naveed Brothers</del> , National Machinery Corporation, 23-KM Off Multan Road, Mohlanwal Lahore | M/s Naveed Brothers requested to change their company name              |
| New | 84272090 | Other works trucks fitted with lifting or handling equipment   | --                           | --  | --  | Millat Tractors, Ltd., Sheikhpura Road, Shahdara, Lahore  | M/s Millat Tractors Ltd. to add this entry in CGO.                      |
| New | 84295100 | iii) Front-end shovel loader   | --                           | --  | --  | Millat Tractors, Ltd., Sheikhpura Road, Shahdara, Lahore  | M/s Millat Tractors Ltd. requested to add this entry in CGO.            |

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|-----|----------|--|---|--|--|---|---|--|
| 844 | 84813000 | i) Check Valves  | i) Cast Steel Check Valves Flanged 2" to 18" (excluding valves complying with valid API 6D and NACE compliance)   | As per API - 600   | ASTM-A 216 WCB   | Popular Pipe Fitting Manufacturers<br>24-Shalamar Town Lahore                                 | Contested by Auto industry that auto grade are not manufactured locally |  |
| 847 | 84821000 | i) UC Bearing (UC204 upto UC216)<br>ii) Ball Bearing (6200ZZ/2RS upto 6218ZZ/2RS, 6300ZZ/2RS upto 6318ZZ/ 2RS, 6403ZZ/2RS upto 6418) |   | --   | --   | Maryam Bearing Industries, 22 KM Sheikhpura Road, Mouza Khanpur, Nabipura Freozawala          | Contested by Auto industry that auto grade are not manufactured locally |  |
| 852 | 84833090 | i) Cylindrical Self Lubricating bushes   | Used in Home Appliances (Fans, Washing Machines etc.), Door Closers, Weaving Machines and other misc. equipments. As per company / customers requirements | ID = 6 - 50 mm, OD = 9 - 60 mm, Length = 6 - 50 mm, Hardness in 0-90 HRB | (a) Iron = Balance, Copper = 12 - 18%<br>(b) Iron = Balance, Copper = 0 - 2%, Carbon = 0 - 0.6%<br>(c) Copper = Bal., Tin = 8.5-9.5%<br>(d) Copper = Bal., Iron <= 25%, Tin = 6.5-7.5%, Carbon <= 0.8% | Adamjee Engineering (Pvt.) Ltd., Plot No. 1 & 16, Sector 20, Korangi Industrial Area, Karachi | Contested by Auto industry that auto grade are not manufactured locally |  |
|     |          | ii) Flange Self Lubricating bushes   |   |  |  |   |   | ID = 6 - 40 mm, OD = 12 - 50 mm, Length = 6 - 50 mm, Flange Dia = 14 - 60 mm, Flange Height = 2 - 5 mm, Hardness in 0-90 HRB |
|     |          | iii) Spherical Self Lubricating bushes   |   |  |  |   |   |  |



|     |          |                                       |  |  |                              |  |  |
|-----|----------|---------------------------------------|--|--|------------------------------|--|--|
|     |          | iv) Spherical Self Lubricating bushes |  | ID = 6 - 40 mm, OD = 12 - 50 mm, Length = 6 - 50 mm, Flange Dia = 40 mm max, Flange Height = 35 mm max, Hardness in 0-90 HRB |                              |  |  |
| 853 | 84834090 | Gears, power transmission             | Ring, spiral bevel, spur, shafts & couplers  | Hardened and carburized  | Various grades of mild steel | 1) Millat Equipment Ltd., 10 KM, Raiwind Road Lahore<br>2) Pakistan Machine Tool Factory (Pvt) Limited, PMTF Road, Off National Highway, Landhi, Karachi-75030   | Contested by Auto industry that auto grade are not manufactured locally          |
| 872 | 85042100 | Transformers                          | <u>ii) Distribution Transformers (Pole Mounted)</u><br>- Capacity: 10 KVA to 630 KVA<br>- 11 KV/ 415 Volt Step Down<br>- 33 KV/ 415 Volt Step Down<br>- 11 KV / 420 Volt Step Down<br><u>iii) Pad Mounted Transformer (Kiosk)</u><br>- Capacity: 63 KVA (Single Phase), 100 KVA, 200 KVA, 400 KVA & 630 KVA (3-Phase) with H.V. & L.V. Panels (Step Down)<br><u>iv) Shell Type or Toridal Type Transformer</u> | --   | --                           | 1) Transfopower Industries (Private) Limited, 2 Km, Katar Bund Road, Off. Multan Road, Thokar Niaz Beg, Lahore<br>2) Elmetec (Pvt) Ltd., 19 KM Ferozepur Road, Lahore<br>3) Star Waves Enterprises, Plot ST-18A C8 & C8A, Saghir Centre, Block 16, Federal B Area, Karachi | M/s Star Waves requested for inclusion of their name in CGO against this product |

|     |          |  |   |                          |    |   |  |
|-----|----------|--|---|--------------------------|----|---|--|
| New | 85044090 | xi) Transformer Rectifier- Single or Three Phase                             | SCR/ TAP Select/ Auto / Variable Control  | Air Colled or Oil Cooled |    | Star Waves Enterprises, Plot ST-18A C8 & C8A, Saghir Centre, Block 16, Federal B Area, Karachi  | M/s Star Waves requested for inclusion of their name in CGO against this product                 |
| New | 85044090 | xii) Driver on Board (DOB)/ Built-in Driver Metal Clad Printed Circuit Board | --  | --                       | -- | Elite Screener, Plot No. C-21 & C-22 Block No.9 AEECHS, Gulistan-e-Johar Karachi  | M/s Elite Screener requested for new entry.  |
| 927 | 85340000 | i) Printed Circuit Boards  | Single,Double Sided and multilayer, rigid, bare PCBs for all types of Electronic Products.  | --                       | -- | 1) National Institute of Electronics, Ministry of Science & Technology, H. No. 17, Sector H-9, P.O. Box 1406, Islamabad<br>2) Smart PCBs, Service Road, Shaheen Town near Airport Chowk, Rawalpindi | Contested by Auto industry that auto grade are not manufactured locally                          |
|     |          | ii) Bare Metal Clad Printed Circuit Boards (MCPCB) for LED Lights.           | Metal Clad Printed Circuit Boards (MCPCB) and Single, Double Sided and Multilayers PCBs for all types of Electronic Products including LED Lights | --                       | -- | Elite Screener, Plot No. C-21 & C-22 Block No.9 AEECHS, Gulistan-e-Johar Karachi  | M/s Elite Screener requested for amendment i.e. to add word Bare in description.                 |
| New | 85399090 | iii) Stuff Metal Clad Printed Circuit Board (MCPCB)                          | --  | --                       | -- | Elite Screener, Plot No. C-21 & C-22 Block No.9 AEECHS, Gulistan-e-Johar Karachi  | M/s Elite Screener requested for inclusion of this product.                                      |
| New | 85354010 | Lightening Arrestors   | Voltage limiters and Surge suppressors over 1 KV  | --                       | -  | Emco Industries Limited, 4th-Floor, National Tower, 28-Edgerton Road, Lahore  | M/s Emco Industries requested to add this entry in CGO as it was advertently missed in this CGO. |

|     |          |                                   |   |    |  |   |   |
|-----|----------|-----------------------------------|---|----|--|---|---|
| 934 | 85366990 | 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 self - 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 | -- | Polycarbonate, Multigrade PVC,Cu 99.9%,ABS,PC, | The Crown Engineering Works (Pvt) Ltd., 17-KM, SHEikhupura Road, Lahore           | Contested by Auto industry that auto grade are not manufactured locally |
| 936 | 85369090 | i) Junction Boxes                 | Electrical Wiring Accessories, voltage not over 1KV (Excluding explosion & flame proof)   | -- | --   | Clipsal Pakistan (Pvt) Ltd., 101-102, Sector 15, Korangi Industrial Area, Karachi | Contested by Auto industry that auto grade are not manufactured locally |
|     |          | ii) Insulating Piercing connector | IPC 16-95 / 4-35mm <sup>2</sup> for Connecting XLPE Insulator LT ABC Sub Main to Service Cable Specification K-R&D-PD-19  | -- | --   | Alsons Industries (Pvt) Ltd., S-18, S.I.T.E., Karachi                             |   |
|     |          | iii) Line Tap                     | 120mm <sup>2</sup> for 230/400/110000 Volts Overhead Distribution System  | -- | --   |   |   |

|     |                                  |   |   |    |          |  |  |
|-----|----------------------------------|---|---|----|----------|--|--|
|     |                                  | iv) PMT Bus Bar arrangement   | Pole mounted Distribution Transformer Specification K-TPRE-BBA-285. | -- | --       |  |  |
| New | 85399090                         | Housing for LED bulb  | 1w to 300w  | -  | -        | Wasif Implex (Osaka), 1st & 2nd floor, plot No. DP-10, sector No. 12-D, North Karachi Industrial Area, Karachi | M/s Wasif Impex requested for inclusion of this product in CGO                   |
| New | 85399090<br>90019000             | Led Bulb PC cover<br>Lenses for LED Bulb<br>Led bulb shell cover                            | 1w to 300w  |    |          | Wasif Implex (Osaka), 1st & 2nd floor, plot No. DP-10, sector No. 12-D, North Karachi Industrial Area, Karachi | M/s Wasif Impex requested for inclusion of this product in CGO                   |
| New | 85399090<br>94059900<br>85340000 | Bare or Stuffed<br>Metal Clad Printed<br>Circuit Board (MCPCB)<br>For Led bulb & Led lights | 1w to 300w  |    |          | Wasif Implex (Osaka), 1st & 2nd floor, plot No. DP-10, sector No. 12-D, North Karachi Industrial Area, Karachi | M/s Wasif Impex requested for inclusion of this product in CGO                   |
| New | 8539.9090                        | Housing, shell cover for LED Bulb   | all types of Energy Bulb Tube Lights                                | -  | PC       | Paklite Electrical Industries (Pvt) Limited<br>Sheikhupura Road, Gujranwala                                    | M/s Paklite Electrical Industries requested for inclusion of this product in CGO |
| New | 9405.9900                        | Housing, shell cover for LED Downlights   | All types of LED & SMD DownLights                                   | -  | PC + PBT | Paklite Electrical Industries (Pvt) Limited<br>Sheikhupura Road, Gujranwala                                    | M/s Paklite Electrical Industries requested for inclusion of this product in CGO |
| New | 9405.9900                        | Housing, shell cover for LED Batten Lights  | All types of LED Tube Lights  | -  | PC       | Paklite Electrical Industries (Pvt) Limited<br>Sheikhupura Road, Gujranwala                                    | M/s Paklite Electrical Industries requested for inclusion of this product in CGO |

|      |           |  |   |  |  |   |   |
|------|-----------|--|---|--|--|---|---|
| New  | 9405.9900 | LED, all types of Flood Lights               | All types of LED Flood Lights   | -  | Aluminum   | Paklite Electrical Industries (Pvt) Limited<br>Sheikhupura Road, Gujranwala     | M/s Paklite Electrical Industries requested for inclusion of this product in CGO  |
| New  | 87082931  | Carpet Car Floor Mats                        | Floor mats used as carpet foot mats in cars. Carpet is the upper layer with PVC as the back layer                                       | Custom fit size as per the car make and model  | PP or Polyester<br>PVC<br>Plasticiser<br>Stabiliser<br>Calcium | Asia Vinyl & Rubber Industries, 40 Ferozpur Road, Lahore                        | M/s Asia Vinyl & Rubber Industries requested for inclusion of their product(s) in CGO.                                    |
| New  | 9607.1100 | Zipper fitted with chain scope with stoppers | --  | --   | --   | Monika Enterprises, 2110/93, Nawaz Chowk, Mian Bagerian Road, Green Town Lahore | M/s Monika Enterprises requested to delete the entry No. 1035 & 1036. They also requested to add PCT code 9607.11 in CGO. |
| 1035 | 96071900  | Zipper in Rolls Zipper Chain                 | --Brass fitted with polyester tape<br>-- Polyester/Nylon/Plastic, fitted with polyester tape<br>--Aluminium fitted with polyester chain | --65% Brass, 35% Alloy, Polyester tape<br>-- Polyester Yarn,<br>Moofilment, Acetol Polyester tap<br>--Aluminium Polyester Chain tape | --   | Monika Enterprises, 2110/93, Nawaz Chowk, Mian Bagerian Road, Green Town Lahore | M/s Monika Enterprises requested to delete the entry No. 1035 & 1036. They also requested to add PCT code 9607.11 in CGO. |
| 1036 | 96072000  | Zipper slider Pin box stoppers               | Zipper sliders for chain close pinbox for ends stoppers for ends  | Zin-Brass  | --   | Monika Enterprises, 2110/93, Nawaz Chowk, Mian Bagerian Road, Green Town Lahore | M/s Monika Enterprises requested to delete the entry No. 1035 & 1036. They also requested to add PCT code 9607.11 in CGO. |