

| Trade Groups (Unified) for Registration of Firms for Items procured by Railways Revision-2019 Version-1.0 | |
|--|--|
| Trade Group No. | Description of Items |
| 00. Metal / Non-Metal Processing Group | |
| 0005 | Light C.I. Castings (including Machining) upto 50 Kgs. |
| 0006 | Medium C.I. Casting (including Machining) upto 1000 Kgs. |
| 0007 | Heavy C.I. Casting (including Machining) Beyond 1000 Kgs. |
| 0008 | Spheroidal Graphite Cast Iron, including Machining |
| 0009 | Mechanite C.L. Items |
| 0010 | Steel Castings with Machining upto 500 Kgs |
| 0011 | Steel Castings with Machining Above 500 Kgs |
| 0016 | Malleable Casting with Machining |
| 0018 | Non-Ferrous Casting with Machining |
| 0020 | Die Castings |
| 0021 | Injection Mouldings |
| 0022 | Forgings Medium with Machining |
| 0023 | Forgings Heavy with Machining |
| 0024 | Drop Stampings and off Set Forging |
| 0025 | Wheels, Tyres, Axles for Rolling Stock |
| 0026 | Wheels, Tyres, Axles for other than Rolling Stock |
| 0027 | Glut Rings |
| 0028 | Blow Moulding |
| 0029 | Gears and Pinions for Traction Motors |
| 0030 | Gears and Pinions for other Operations |
| 0032 | Components Involving Machining only |
| 0034 | Heavy Plate Work |
| 0035 | Heavy Fabrication Work- Special to Rolling Stock |
| 0036 | Fabricated Components Welded and Rivetted |
| 0038 | Punching and Press Work |
| 0039 | Re- rolling- Rounds and Flats etc. |
| 0042 | Springs Helical and Volute |
| 0043 | Spring Laminated |
| 0044 | Spring of SS Wire |
| 0047 | Manganese Steel Components such as Liners, Pins and Bushes |
| 01. Conversion/ Miscellaneous Process Group | |
| 0107 | Refining & Smelting of Non- Ferrous Scrap Into Virgin Metals and Alloy Ingots |
| 0108 | Heat Treatment- Flame, Induction, Case Hardening/ Carburising Metalizing |
| 0109 | Galvanising of Components- Hot Dip/Electrolysis |
| 0110 | Anodising of Components |
| 0111 | Chromium Plating of Components, Hard Chromium, Nickel, Cadmium, Lead Plating of Components |
| 0112 | Non- Metallic-Coating- Rubber Lining, Epoxy Coating, Plastic Coating etc. |
| 0113 | Abrasive Blasting: Sand Blasting, Shot Blasting & Grit Blasting etc. |
| 0114 | Powder Coating |
| 0115 | Cutting and Shearing of Steel Sections including Plates |
| 0116 | Painting Process: Brush, Roller and Spray |

23/5/12

| Trade Group No. | Description of Items |
|--|--|
| 0117 | Fabrication of Bridge and other Structures |
| 0120 | Fabrication of Garments, Stitching Printing and Binding Work |
| 0122 | Printing and Binding Work |
| 0130 | Automobile Body Building |
| 0131 | Automobile Repairs |
| 03. Services- All Types | |
| 0301 | Renting and Leasing of Motor Vehicles |
| 0302 | Renting and Leasing of Recreational and Sports Goods |
| 0303 | Renting and Leasing of Tent, Furniture, Pottery and Glass, Kitchen and Tableware, Utensils, Household Electrical and Electronic Equipment etc. |
| 0304 | Renting and Leasing of Books, Journals and Magazines |
| 0305 | Renting and Leasing of other Machinery, Equipment and Tangible Goods N.E.C. |
| 0306 | Renting and Operational Leasing of other Machinery and Equipment |
| 0307 | Renting and Operational Leasing of Construction and Civil-Engineering Machinery and Equipment without Operator |
| 0308 | Renting and Operational Leasing of office Machinery and Equipment |
| 0309 | Renting and Operational Leasing of Land-Transport Equipment (Other than Motor Vehicles) |
| 0310 | Renting and Operational Leasing of Water-Transport Equipment |
| 0311 | Renting and Operational Leasing of Air Transport Equipment |
| 0312 | Renting of other Tangible Goods (Includes Renting of Containers, Pallets etc.) |
| 0313 | Renting and Leasing of other Machinery and Equipment |
| 0314 | Hiring of Manpower- Skilled / Semi-Skilled / Unskilled |
| 0315 | Hiring of Travel / Tourist Services |
| 0316 | Hiring of Event Management Services |
| 0317 | Hiring of Security Services |
| 0318 | Hiring of Housekeeping / Cleaning Services |
| 0319 | Hiring of Horticulture Services |
| 0320 | Hiring of Documentation / Digitization Services |
| 0321 | Hiring of Helpdesk Services |
| 0322 | Hiring of Collection Agencies and Credit Bureaus |
| 0323 | Hiring of Packaging Services |
| 0324 | Hiring of Consultancy Services |
| 0325 | Hiring of Exam Conducting Services |
| 0326 | Hiring of Maintenance Services for Locomotives |
| 0327 | Hiring of Maintenance Services for Coaches / Wagons |
| 0328 | Maintenance Services for Heritage Trains |
| 0329 | Hiring of Train Operation Services |
| 0330 | Hiring of Clearing Agents |
| 0331 | Hiring of Auctioneers |
| 0332 | Hiring of Transport Services |
| 0333 | Hiring of Medical Equipment |
| 0334 | Hiring / Empanelment of Medical Services |
| 0335 | Hiring / Empanelment of Diagnostic Services |
| 0336 | Pest Control Treatments including Anti-termite Treatments, Fumigation etc. |
| 04. Items Peculiar to Heritage Trains | |
| 0401 | Spares / Item Parts Pertaining to Maintenance of Heritage Trains |
| 10. Items Peculiar to Diesel Locos | |

magu 5/12

| Trade Group No. | Description of Items |
|--|---|
| 1005 | Engine Block and Main Base and Generator Support |
| 1008 | Cylinder Liners |
| 1009 | Pistons, Piston Rings, Wrist Pins |
| 1010 | Cylinder, Head/ Valve Lever Assemblies and Sub Assemblies |
| 1011 | Inlet and Exhaust Valves, Valve Seat Inserts and Valve Guides, Push Rods, Fuel Supports Fulcrums, Cam Rollers, Spring seat and Valve Locks |
| 1015 | Crank shaft / Cam shaft and Extension shafts. |
| 1017 | Exhaust Manifolds |
| 1019 | Turbo Super Charger and Spares including Inlet and Outer Castings |
| 1021 | Water Cooler, After Cooler and Lube Oil Cooler |
| 1023 | Bimetal and Trimetal Bearing and Bushings |
| 1024 | Shims |
| 1025 | Fuel Injection System (Imported MICO) |
| 1027 | Valves for Lube Oil and Fuel Oil System |
| 1029 | Governor and Governor Drives including Mounting and Linkage |
| 1031 | Overspeed Trip Assembly and Acceleration Control Devices. |
| 1033 | Vibration Damper Clutch Plates |
| 1035 | Cardan Shafts/ Propeller Shafts |
| 1037 | Sock Filters, Paper Filters, Oil Bath Filters and Strainers |
| 1039 | Water Pump, Lube Oil Pumps, Fuel Pump and Spares Blowers, Crank Cast Exhausters |
| 1041 | Snubber Valve Assembly |
| 1043 | Air Pressure Control Valves |
| 1044 | Tachometer Generator Assembly |
| 1045 | Elbow Bends and Fuel Oil Piping |
| 1047 | Gasket Metallic, O Rings and Oil Seals |
| 1079 | Sophisticated and High Precision Spares for Diesel Locos not otherwise classified |
| 11. Items Peculiar to Vehicle and Chassis of Diesel Locos | |
| 1105 | Hydraulic and Hydro Mechanical Transmission and Spares |
| 1110 | Vulcan Couplings, Fluid Couplings and Gear type Coupling |
| 1113 | Air Compressor, Vacuum Exhauster, Compressor and Spares |
| 1115 | Air-Brake and Vigilance Control and Spares, Auto Brake Valve, Independent Brake Valve, Pilot Selector Valve, Air Valve, Air Reservoirs |
| 1117 | Air Compressor Governor |
| 1119 | Radiator Fan Body Current Clutch and Spares |
| 1121 | Air Horns |
| 1124 | Sand Conveyers and Allied Equipment |
| 1125 | Window Wiper Assembly with Motor Components |
| 1126 | Insulated Metallic Fittings such as and Bushes Terminal Strips Handles etc. |
| 1127 | Sun-Visor Assembly |
| 1129 | Siding Window and Components, Door Latch and Door Lock Assembly |
| 1135 | Speed Recorder and Allied Equipment |
| 1139 | Valves-Sander Control, Horn Operating, Safety Auto Drains Pressure Regularising and Needle Valves, Fuel Flo valves Check, Double Check and Globe Valves |
| 1141 | Clock- Angle Clock Combine Cut-out Cock and Strainer Three Way Cock, Drain and Cut Out |
| 1143 | Traction Motor Blower Induct Boot and Allied Assembly |
| 1179 | Other Sophisticated and High Precision Spares for Diesel Locos not otherwise classified |
| 12. Electrical Items Used in Diesel Locos | |

angus 5/12

| Trade Group No. | Description of Items |
|--|---|
| 1201 | Crank Case Motor, Fuel Pump Motor, Crank Case Exhauster |
| 1202 | Braking Resistors - Dynamic / Regenerative |
| 1203 | Driving Control Desk and it's Spares |
| 1204 | Water Level Indicator, Switch, Push Button, Clutch |
| 1205 | Blocking Rectifier Panel |
| 1206 | Engine Control Switch |
| 1207 | Twin Beam Head Light and Spares |
| 1208 | Terminal Block |
| 1209 | Arc Chutes |
| 1210 | EPC (Electro Pneumatic Contactor) |
| 1211 | EMC (Electro Magnetic Contactor) |
| 1212 | Relays |
| 1213 | Traction Motors and Spares |
| 1214 | Vigilance Control Device and it's Spares |
| 1215 | Wires, Conductors, Jumper, Lug Terminal, Wire Terminal |
| 1216 | Marker Light, Flasher Light, Indication Panel |
| 1217 | Air Diffuser |
| 1218 | Brush Holder |
| 16. High Horsepower Diesel Loco Items | |
| 1601 | All types of Fasteners including Hex Nuts, Bolts, Screws, Pins, Washers, Clips, Dowels |
| 1602 | Elbows, Pipes, Tee, Coupling, Lever, Coupling Flange, Plug, Stud, Valves, Insert, Link, Connector, Nipple, Tube Assembly, Ferrule |
| 1603 | All types of Gaskets, Rubber Seals |
| 1606 | Crank Case Ejector |
| 1607 | Exhaust Chamber and Spares |
| 1608 | Heat Shield |
| 1609 | Oil Separator |
| 1610 | Dust Shield |
| 1611 | Bracket and Cap Assembly, Clamp |
| 1612 | Cam Shaft and Spares |
| 1613 | Counterweight |
| 1614 | All types of Plates, Rings, Seats, Shims, Sleeves, Spacers |
| 1615 | Exhaust Valve and Spares |
| 1618 | Lube Oil Strainer Assembly, Gate and Stop Assembly, Retainer |
| 1619 | Hand Wheel |
| 1621 | Rocker Arm |
| 1622 | Casting Housing, Impeller |
| 1623 | Flange Governor |
| 1624 | Shafts |
| 1625 | Air Inlet Duct and Spares |
| 1626 | Clevis Cover |
| 1627 | Exhaust Diffuser |
| 1628 | Heat Shield |
| 1629 | Idler Gear, Idler Shaft |
| 1630 | Turbo Bearing Spares, Bearing Sleeve |
| 1631 | Damper |
| 1632 | Hose Assembly and Related Items |
| 1633 | Crank Case Spares |

| Trade Group No. | Description of Items |
|---------------------------------------|---|
| 1634 | Rotor Assembly |
| 1635 | Sensor |
| 1636 | Exhaust Elbow |
| 1637 | After Cooler |
| 1638 | Bearing Cap |
| 1639 | Air Duct |
| 1640 | Exhaust Manifold |
| 1641 | Lube Oil Pump and Spares |
| 1642 | Cylinder Liner Related Items |
| 1643 | Connecting Rod Assembly and Spares |
| 1644 | Gears and Pinions |
| 1645 | Lube Oil Cooler |
| 1646 | Connecting Rod and Spares |
| 1647 | Lube Oil Pump and Spares |
| 1648 | Expansion Joint |
| 1649 | Engine Coupling |
| 1650 | Frame and Latch |
| 1651 | Cylinder Head and Spares |
| 1652 | Strainer and Related Items |
| 1653 | Piston |
| 1654 | Radiator Assembly and Spares |
| 1655 | Crank Shaft and Spares |
| 1656 | Other Items of Power Pack and Engines |
| 1657 | Door Assembly and Spares |
| 1658 | Battery Box Assembly and Spares |
| 1659 | Fuel Tank |
| 1660 | Wiper Assembly |
| 1661 | Brake Cylinder |
| 1662 | Gear Case |
| 1663 | Cattle Guard Assembly |
| 1664 | All Lighting Equipment |
| 1665 | Generator, Motor, Blower and Spares |
| 1666 | Braking Resistors - Dynamic / Regenerative |
| 1667 | Other Items not classified above |
| 23. Items of AC Electric Locos | |
| 2301 | Static Converter for Electric Locomotive |
| 2302 | Arno Convertors and Spares |
| 2303 | Main Compressor & Auxiliary Compressor their Parts and Accessories for Electric Locomotives |
| 2304 | Silicon Rectifiers and their Parts for Electric Locomotives |
| 2305 | Diodes-Blocking |
| 2306 | Tap Changers |
| 2307 | Components of Tap Changer N-32 |
| 2308 | Notch Indicator |
| 2309 | Transformers (Power & Control) |
| 2310 | Oil Cooler Radiator |
| 2311 | Cable Head Termination System for Locomotives and EMU |
| 2312 | Pantograph and it's Components |

| Trade Group No. | Description of Items |
|-----------------|---|
| 2313 | Metallized Carbon Strip for Pantographs |
| 2314 | Insulator Panto Mounting and Insulator Roofline |
| 2315 | Roof Line Fittings |
| 2316 | Circuit Breakers |
| 2317 | Surge Arrestors for Electric Locomotive |
| 2318 | H.R.C. Fuses (High Rupture Capacity) |
| 2319 | Vigilance Control Device for 25 KV AC Tap Changer Locomotive |
| 2320 | Microprocessor Based Control and Fault Diagnostic System for Electric Locomotives |
| 2321 | Microprocessor Based Energy Cum Speed Monitoring Unit for Diesel & Electric |
| 2322 | Master Controller |
| 2323 | Tri Plate Panel for Conventional Electric Locomotive |
| 2324 | Dynamic and Regenerative Brake Equipment, their Components and Accessories |
| 2325 | Voltage Regulators, 'E' Type Control Equipment, Excitation and Transition Control Panels |
| 2326 | Frequency Regulators |
| 2327 | TM Protection and all Protective Relays and other Relays for Electric Locomotives |
| 2328 | All E.P. Contractors |
| 2329 | Magnet Valves & Switches, Signalling Horn for Electric Locomotives |
| 2330 | Resistances |
| 2331 | Shunts |
| 2332 | Smoothing Reactors & Inductive Shunts, their Parts & Components |
| 2333 | Snubber Circuits & Capacitors |
| 2334 | Air Dryer for Electric Locomotive |
| 2335 | Traction Motor TAO 659 and it's Components and Spare Parts |
| 2336 | Traction Motor Hitachi and it's Components and Spare Parts |
| 2337 | Traction Motor Inspection Cover |
| 2338 | Static Battery Chargers |
| 2339 | Twin Beam Head Light and DC-DC Converter for Twin Beam Head Light |
| 2340 | Superstructure Items, Components including High Tensile C.B. Couplers, Loco Side Buffer Assembly, Cab Window Assembly, Air Inlet Guard Assembly, Centre Pivot Assembly, Cattle Guard |
| 2341 | Air Brake Items including Reservoir, Brake Cylinder, Valves, Cocks, C3W Distributor Valve, Hose Coupling |
| 2342 | Suspension Tube Items & their Assembly Components |
| 2343 | Bogie Frame Complete for Co-Co Locomotives |
| 2344 | Bogie Items & their Assembly Components including Bogie Frame Assembly, Brake Gear Arrangement, Pivot Liner, Axle Collar, Centre Block Assembly, Equaliser Seat Assembly, Side Bearer, Rubber Bush Assembly for Centre Pivot etc. |
| 2345 | Gear & Pinion |
| 2346 | Axle Box Housing it's Components and Spare parts |
| 2347 | Suspension Springs & Hydraulic Dampers |
| 2348 | Spring Seat Assembly |
| 2349 | Protection Cover for TM |
| 2350 | Bellows for TM |
| 2351 | T.M. Bellow Mounting Assembly |
| 2352 | Compensating & Equalizer Beam & Link |
| 2353 | Equaliser Beam- Long & Short |
| 2354 | Hitachi / TAO 659 Gear Case |

August
5/12

| Trade Group No. | Description of Items |
|---|--|
| 2355 | Brake Block for Electric Locomotives |
| 2356 | Wiper Assembly |
| 2357 | Front Lookout Glass for Locomotives |
| 2358 | Rubber Items/ Kits for Electric Locos |
| 2359 | Wheel & Axles for Locomotives |
| 2360 | Sophisticated and High Precision Spares for Electric Locos not otherwise classified |
| 29. Items peculiar to Three Phase Electric Locomotives | |
| 2901 | GTO based Convertors and MICAS VCU of 3-Phase Locomotives, Parts and Accessories |
| 2902 | 3 Phase Asynchronous Traction Motors |
| 2903 | Single Phaseto Three Phase Converter, Parts & Accessories |
| 2904 | Main Compressor (Conventional/ Oil Free) for 3-Phase Locomotives Parts and Auxiliaries |
| 2905 | Traction Motor Bearing for 3-Phase Locos |
| 2906 | Computer / Microprocessor Controlled Air Brake for 3-Phase Locomotive, Parts and Accessories |
| 2907 | EP Assisted Brake System for 3-Phase Locos |
| 2908 | Brake System for 3-Phase Locos, Parts and Accessories |
| 2909 | Axle Box Bearing for 3-Phase Locos |
| 2910 | Rubber Components / Kits for Brake for 3-Phase Locos |
| 2911 | Rubber Components /Kits for CCB System for 3-Phase Locos |
| 2912 | Spheribloc for 3-Phase Locos |
| 2913 | Elastic Ring for 3-Phase Locos |
| 2914 | Crowned Gear Coupling for 3-Phase Locos |
| 2915 | Helical Spring for 3-Phase Locos |
| 2916 | Aluminium Gear Box for 3-Phase Locos |
| 2917 | Axle Guide Bearing for 3-Phase Locos |
| 2918 | Suspension Tube and it's Assembly Components for 3-Phase Locos |
| 2919 | Suspension Tube Bearings for 3-Phase Locos |
| 2920 | Holder for TM Suspension |
| 2921 | Pivot |
| 2922 | Tread Brake Arrangement Complete |
| 2923 | Brake Gear Arrangement |
| 2924 | Bogie Items of 3 Phase Locos not classified elsewhere |
| 2925 | Cab Air Conditioning System |
| 30. Items peculiar to Coaching Stock | |
| 3005 | Centre Buffer Couplers, Draft Gear and Buffer Assemblies |
| 3008 | Shackle type Couplers (for EMUs) |
| 3010 | Screw Couplings of all types |
| 3013 | Vacuum Brake Fittings such As Cylinders DA Valves, Alarm Valves Release Valves etc. |
| 3014 | Air Brake Fittings |
| 3017 | Hose Pipe Syphon, Packing and Rolling Rings etc. |
| 3020 | Slack Adjusters |
| 3024 | Empty Load Box |
| 3028 | Shock Absorbers |
| 3030 | Silent Blocks |
| 3033 | Vestibules |

23/05/12

| Trade Group No. | Description of Items |
|--|---|
| 3036 | Window Shutters and Doors |
| 3039 | Roof Water Tanks |
| 3042 | Stainless Steel Fittings for C & W Stock |
| 3044 | Commodes |
| 3045 | Bio Toilets, and it's Parts, Accessories and Spares |
| 3046 | Controlled Discharged Toilet System, and it's Parts, Accessories and Spares |
| 3047 | Vaccum Toilet system, and it's Parts, Accessories and Spares |
| 3048 | Axle Pulleys |
| 3049 | Battery Boxes for Coaches |
| 3051 | Carriage Door Locks |
| 3052 | Miscellaneous Coach Fittings not Included in other Groups Lavatory |
| 3055 | Miscellaneous Coach Fittings not Included in other Groups Exterior |
| 3057 | Miscellaneous Coach Fittings not Included in other Groups Interior |
| 3059 | E.P/Air Brake Equipment and Spares |
| 31. Items of EMU | |
| 3101 | Complete EMU/MEMU Coach |
| 3102 | Upper and Lower Washer |
| 3103 | Hose Connection |
| 3104 | Draw Gear and Spares |
| 3105 | Polycarbonate Seats |
| 3106 | Handles |
| 3107 | Windows |
| 3108 | Doors |
| 3109 | Stainless Steel Partitions |
| 3110 | Driver Seat |
| 3111 | Driving Panel and Spares |
| 3112 | Roof Ventilator |
| 3113 | Cylinder, Reservoir |
| 3114 | Stainless Steel Fabrication |
| 3115 | Trough Floor- Stainless Steel |
| 3116 | SS Battery Box |
| 3117 | Traction Motors for EMU/ MEMU |
| 3118 | SS Nose Cone |
| 3119 | SS Side Wall, End Wall, Roof |
| 3120 | Cushioned Seats |
| 3121 | Cable Bushing |
| 3122 | Circuit Breaker |
| 3123 | Transformer |
| 3124 | Rectifier, Smoothing Reactor |
| 3125 | Relays and Contactors |
| 3126 | Control Coupler |
| 3127 | Other EMU / MEMU Electrics not classified Elsewhere |
| 33. Items peculiar to LHB Coaches | |
| 3301 | Control panel for ventilator fan, battery charging and radiator fan |
| 3304 | Feeder Junction box |
| 3306 | Pre-Cooling Plug & Socket |
| 3307 | Switch Plates Assemblies |

| Trade Group No. | Description of Items |
|-----------------|---|
| 3310 | Double Inlet Centrifugal Blower Assembly and spares |
| 3311 | Pump Equipment with Controller |
| 3312 | Smoke Detector Unit |
| 3314 | Capacitor Bank |
| 3319 | Composite pantry |
| 3321 | Terminal Connector Complete |
| 3322 | All Types of Windows including Hooper Windows |
| 3323 | Interior Doors |
| 3324 | End Wall Sliding Door |
| 3325 | FRP Side Wall Panels & FRP Ceiling Sheet Assemblies |
| 3326 | FRP Lavatory Modules |
| 3327 | All Type of FRP Windows |
| 3328 | All Types of Aluminium Water Tanks |
| 3329 | Stainless Steel Water Tank |
| 3330 | Fuel Tank For LHB Power Car |
| 3331 | Honey Comb partition Frames |
| 3333 | Inter-car Gangway amounting |
| 3337 | HPL Sheet |
| 3339 | Single Ferrule Fittings |
| 3340 | Stainless Steel Pipes and Double Ferrule Fittings |
| 3341 | Seat and Berth |
| 3342 | DGFRP |
| 3343 | Anti Roll Bar & Fork |
| 3344 | Spring Dome |
| 3345 | Roll Link |
| 3346 | Traction Centre |
| 3347 | Spring Pot |
| 3348 | Brake Support |
| 3349 | Centring Disc |
| 3350 | Set of Control Arm (Casting, Casting & Finished) |
| 3351 | Elastomer Metal Bonded Item For Fiat Bogie and their kits |
| 3352 | Fiat Bogie Frame |
| 3353 | Break Beam & Tube |
| 3354 | Forge Pin for Fiat Bogie |
| 3355 | Bogie Bolster For LHB Coaches |
| 3356 | Pin Bracket |
| 3357 | Anti Roll Bar Bracket |
| 3358 | Security Disc And Disc |
| 3359 | Centre Pivot Assembly |
| 3360 | Kit of Coil Spring |
| 3361 | Dome Cum Reservoir Assembly |
| 3362 | Under frame for all type LHB coaches |
| 3363 | Front Part for all type LHB coaches |
| 3364 | Roof for all type LHB coaches |
| 3365 | Side Wall for all type LHB coaches |
| 3366 | Console |
| 3367 | Set of Lavatory Side wall |

mgc 171
5/12

| Trade Group No. | Description of Items |
|---|--|
| 3368 | Hand Brake Arrangement |
| 3369 | Shell Kit |
| 3370 | Set of Side Buffer Assembly (Helical Spring Type) |
| 3371 | CRF Items |
| 3372 | Set of Side Wall Skin Sheeting |
| 34. Items peculiar to Train Sets | |
| 3401 | Equipment, Spare parts and components required for Train Sets |
| 38. Item peculiar to Wagons | |
| 3801 | Complete Wagon |
| 3802 | End Wall, Side Wall, Doors |
| 3803 | Draft Gear and Spares |
| 3804 | Coupler and Spares |
| 3805 | Bogie Structure |
| 3806 | CTRB, Grease Seal |
| 3807 | Brake System |
| 3808 | Brake Block |
| 3809 | Twist Lock |
| 3810 | Draw Bar |
| 3811 | Cylinders, Reservoirs |
| 40. Cables, Conductors, Transmission Materials | |
| 4001 | LV Cables Copper Conductors, Single/Multi Cores, Sheathed/ Unsheathed, Armoured/ Unarmoured, Stranded/Solid. PVC/ XLPE Insulated for Electrical Purposes |
| 4002 | HV Cables Copper Conductors, Single/Multi Cores, Sheathed/ Unsheathed, Armoured/ Unarmoured, Stranded/Solid, PVC/ XLPE Insulated for Electrical Purposes |
| 4003 | LV Cables Aluminium Conductors, Single/Multi Cores, Sheathed/ Unsheathed, Armoured/ Unarmoured, Stranded/ Solid, PVC/ XLPE Insulated for Electrical Purposes |
| 4004 | HV Cables Copper Conductors, Single/Multi Cores, Sheathed/ Unsheathed, Armoured/ Unarmoured, Stranded/ Solid, PVC/ XLPE Insulated for Electrical Purposes |
| 4005 | PIJF Cables for Telecommunication Purpose |
| 4006 | Armoured/ Unarmoured Optical Fibre Cables |
| 4007 | PVC Insulated Underground Unscreened/Screened, Copper Cables for Rly. Signalling |
| 4008 | PVC Insulated Indoor Cables for Rly. Signalling |
| 4009 | Thermo Shrink Jointing Kits for Cables |
| 4010 | PVC Insulated Aluminium Screened/Unscreened Cables for Rly. Signalling |
| 4011 | Quad Cable for Railway Signalling |
| 4012 | Silicone Gel Based Jointing Kits for Cables |
| 4013 | Optical Fibre Splicing Tool Kits |
| 4014 | Cable Lugs, Cable Jackets, Cable Binders, Cable Coupler & Cable Ties |
| 4015 | Crimping Sockets |
| 4016 | Single Core/Multi Core Elastomeric/HRPVC Cables For Diesel/ Electric Locos, Coaches and EMUs |
| 4017 | Jumper Cable |
| 4018 | Zero Halogen Low Smoke Cables for Metro Coaches |
| 4019 | Aluminium Conductor Steel Reinforced |
| 4020 | Conductors Copper Wire Bare for Electrical Purposes |
| 4021 | Conductors Copper other than Wire |

22/11/25
57/2

| Trade Group No. | Description of Items |
|---|---|
| 4022 | Wire Winding Super Enamelled/ Cotton Covered/Polyamide. |
| 4023 | Co-Axial Cable, Cat-5/6 Cables etc. for Computer Networking |
| 4024 | Resistance Wires, Fuse Wires etc. |
| 41. Insulators and Insulating Materials. | |
| 4105 | Sheets, Rods, Blocks etc. Synthetic Resin Bonded Laminated |
| 4115 | Ebonite Sheets, Blocks etc. |
| 4120 | Vulcanised Fibre Sheets, Special Resistor Panels, Robs Block etc. |
| 4125 | All types of Insulating Materials such as Paper, Black Tape, Cotton Tape, PVC Tape, Fibre, Glasswool, asbestos, Ebonite, Mica, Sleeves etc. |
| 4130 | Glass, Mica and Silicon Tapes of Class F and Above Insulation |
| 4135 | Porcelain/Composite Insulators for High Voltage Power Line/OHE |
| 4145 | Insulating Varnishes & Compounds |
| 4146 | Insulating Oils |
| 4150 | PTFE/Teflon Sheets and Insulators |
| 4155 | Porcelain Tubes, Blocks, Cleats and Connectors |
| 42. Items of General Electrical Wiring & Fittings | |
| 4201 | Switchgears for Low Voltage Application: MCCB, MCB |
| 4205 | Switchgears for High Voltage Application: Circuit Breakers, Isolators, Interrupters |
| 4206 | Switches of all types including Special/ Modular, Rotary and Toggle types, Push Button/ Piano type, Low Water Alarm Switches, Temperature Switches, Pressure Switches etc. |
| 4207 | Protective Relays for Electrical Distribution/ Transmission Lines |
| 4208 | Tool Kits for Wireman & Electricians |
| 4210 | Fans for Home Service/Passenger Service, Air Circulator, Exhaust Fans, Blowers etc. including Regulators |
| 4214 | Conduit Pipes (PVC/GI/Steel), Flexible Metallic Tubes etc. for Wirings |
| 4216 | Electrical Lamps, Luminaire of sorts and sizes including Fluorescent Lamps, CFL, Mercury/Sodium/Metal Halide/LED Lamps for General Lighting |
| 4217 | Lamp Holders, Fittings & Accessories for General Lighting |
| 4219 | Electrical Floodlight Fittings, Tower Lights, Inflatable Lights and Accessories other than Carriage Fittings |
| 4223 | Neon Signs, LED Signs |
| 4226 | Bowl Glass Lenses of sorts |
| 4229 | Wire Terminals, Connectors and Allied Terminal Fitting |
| 4230 | Code Markers for Cables |
| 4232 | Battens, Casting Boards, Wooden Plugs |
| 4235 | Adapters, Sockets and Plugs of different varieties |
| 4238 | Wiring Clips |
| 4241 | Decorative Light Fixtures, Chandeliers |
| 4242 | Shades and Shade Parts |
| 43. All Instruments, Electrical Appliances and Component Testing Instruments | |
| 4305 | Electrical Measuring Instruments (Analog/Digital type): Voltmeter, Ammeters, Meggers, Potentio Meters, Kelvin Bridges, Galvanometers, Ohm Meters, Watt Meters, Energy Meters, Inductance & Capacitance Meters, Thermocouples, High Voltage/ Break Down Testers etc. |

mgc 5/12

| Trade Group No. | Description of Items |
|---|---|
| 4306 | All types of Measuring and Testing Equipment Required in Various Directorates of RDSO |
| 4307 | Accessories & Spare Parts for Trade Group 4306 |
| 4308 | Chemical Balances and Testing Equipment required in Chemical/Metallurgy Lab and their Spare Parts |
| 4309 | Optical Microscope for Metallurgical/Chemical Testing |
| 4310 | Electron Microscope |
| 4311 | Sensors: Speed, Temperature, Pressure, Strain, Optical/Laser & Load Cells |
| 4312 | Flaw Detectors-Ultrasonic for Rail and Axles & Wheels, Magnaflux, Radiography Charts for Recording Instruments. |
| 4313 | Automatic Ultrasonic Radial Scanning Machine, Parts and Spares |
| 4314 | Spectrometers (Absorption/Emission), Parts and Accessories |
| 4315 | Hardness Testing equipment, Parts, Jigs and Accessories |
| 4316 | Universal Testing Machine, Tensile Testing Machines, Compression Testing Machine, Fatigue Testing Machines, their Parts, Jigs and Accessories |
| 4317 | Appliances for Ventilation: Air Coolers, Room Air Conditioners their Spares |
| 4318 | Air Conditioning Plant for Buildings/offices, their Parts and Accessories |
| 4319 | Room Heaters, Geysers, Parts & Spares |
| 4320 | Refrigerators, Water Coolers |
| 4321 | Humidifiers, Air Curtains, Air Purifiers |
| 4325 | All Electrical Household Appliances, Accessories and Spares. |
| 4326 | Torches and other Appliances for Lighting |
| 45. Cell/Battery all types, Train Lighting Items of Special Nature and Electrical Amenities for Passengers | |
| 4501 | 3 KW/ 4.5KW Alternators for Coaches |
| 4502 | Electronic Rectifier Cum Regulating Unit (ERRU) for 3 KW/4.5 KW Alternator |
| 4503 | 25 KW Alternators for Coaches |
| 4504 | Electronic Rectifier Cum Regulating Unit (ERRU) for 25 KW Alternator |
| 4505 | V-Belts for Driving Alternators for TI and AC Coaches |
| 4506 | Battery Charges for Coaches |
| 4507 | Inverters for Coaches |
| 4512 | Diesel Alternator Sets and Switchgears in Power Cars & Testing Cars |
| 4513 | Spares for the above (4512) |
| 4514 | Portable DG Sets, Diesel/Petrol/Kerosene Fuelled for Various Purposes |
| 4515 | Canopied DG Sets & Switchgears for Various Purposes |
| 4520 | Cell Dry for Torches and other Instruments. |
| 4522 | Cell Dry/ SITEL Cell for Telephone & Signalling Circuits. |
| 4523 | Li-Ion Batteries |
| 4524 | Lead Acid Cell/Battery (Low Maintenance/VRLA) for Rolling Stock (Loco, EMU & Coaches) and Stationary Installations |
| 4525 | Cell Connectors |
| 4526 | Power Banks |
| 4528 | Air Conditioning Equipments including RMPU and Spare Parts Pertaining to Rolling Stock only |
| 4529 | Control Panel for Roof Mounted AC Package Unit (RMPU) |
| 4530 | Microprocessor Controller for Roof Mounted AC Package Unit (RMPU) |

| Trade Group No. | Description of Items |
|---|--|
| 4531 | 415 V- 3 Phase Induction Motor for Roof Mounted AC Package Unit (RMPU) |
| 4532 | Dry type Air Filters for AC Coaches |
| 4533 | Silicon Rectifiers for Coaches, Parts and Spares |
| 4534 | Smoothing Reactor, Capacitor Bank for Rectifiers |
| 4535 | Control Panel for Ventilator Fan, Battery Charging and Radiator Fan |
| 4536 | Feeder Junction Box for Coaches |
| 4537 | Battery Fuse and Terminal Box for Coaches |
| 4538 | Switch Board Cabinet for AC Coaches, Parts and Accessories |
| 4539 | Centrifugal Blower Assembly & Blower for Coaches |
| 4540 | Pump Equipment with Controller for Coaches |
| 4541 | Tail Light LED type with Flasher & VHF Charging Socket |
| 4542 | Metal Oxide Gapless Lighting Arrester |
| 4545 | Solar Power systems grid, and its accessories and spares |
| 4546 | Solar appliances like solar lanterns, solar water heaters, solar cookers etc. |
| 4569 | Emergency Lighting System for Coaches |
| 4570 | Railway Carriage Fans, Parts and Spares |
| 4571 | Inter Vehicular (IV) Couplers, Parts and Spares for Coaches |
| 4572 | ZS Coupler, Parts and Spares for Coaches |
| 4573 | LED based Luminaire/Fittings for Coaches |
| 4574 | PA System for LHB Coaches |
| 4575 | GPS Based Passenger Information System for LHB AC Coaches |
| 4576 | Light Diffuser for LHB Coaches |
| 4577 | Wheel Set Earthing Equipment for LHB Coaches |
| 4578 | Inter Communication System for Coaches |
| 4579 | Roof Mounted Ventilation Units and it's Spare Parts |
| 4580 | Roof Mounted Heating Units and it's Spare Parts |
| 4581 | Pantry Equipments |
| 4582 | Various Light Fittings and their Components like Ballasts (Copper/Electronic), Starters for Coaches |
| 4583 | T.L. Fittings and Spares not Included Elsewhere. |
| 4584 | Integrated Driver Desk for EMU/MEMU, Parts and Accessories |
| 46. Electric Sub Station, Transmission and Distributions Equipment | |
| 4605 | Sub Station and Track Sectioning Equipments not classified else where |
| 4606 | Spare Parts for Substation Equipments of Trade Group 4605 |
| 4607 | Automatic Changeover Control Panel for Colour Light Signalling |
| 4609 | Rectifiers and their Spare Parts |
| 4612 | Isolators, Accessories and Spares |
| 4613 | Interruptioners, Parts and Spares |
| 4615 | Circuit Breaker and Switchgears, Accessories and Spares |
| 4616 | Overhead Electric Equipments for Traction: Power Transformers, Auto Transformers, Condenser Bushings, Auxiliary Transformer, Current Transformer and Potential Transformer |
| 4617 | Discharge Rod/Earthing Pole Assembly of 25 AC Traction |
| 4618 | Lightning Arrestors |
| 4619 | 25 KV DO Fuses and their Spares for OHE |
| 4620 | All types of Electrical Relays for Protection of Transmission, Distribution and OHE |

| Trade Group No. | Description of Items |
|---|--|
| 4621 | Dynamic Reactive Power Compensation Equipment, Capacitor Banks for OHE |
| 4625 | Fabricated & Galvanised Steel Structures for Masts |
| 4627 | Regulating Equipment (ATD) - Three Pulley/ Five Pulley |
| 4628 | Stainless Steel Wire Rope for Regulating Equipments |
| 4629 | Galvanised Stranded Steel Traction Bond for OHE |
| 4630 | Cast Iron Counter Weights for OHE |
| 4631 | Galvanised ERW Steel Tubes & Counter Weight Guide Tube for OHE |
| 4633 | Grooved Copper Contact Wire and Cadmium Copper Catenary Wire for OHE |
| 4637 | Shackles, Thimbles and other Stamping Equipment. |
| 4638 | Number Plates/ Caution Boards (Retro-Reflective/Vitreous Enamelled) |
| 4642 | Miscellaneous Fittings for OHE |
| 47. Electric Machinery and Parts | |
| 4705 | Motor Generators Starters, Convertors of Various types and sizes |
| 4706 | Traction Motors and Generators and their Accessories Exclusive for Diesel, Electric AC/ DC Locos and EMU Stock, other than 3 Phase Locomotives |
| 4710 | Carbon Brushes for Traction Motors and Generators |
| 4712 | Carbon Brushes for other Applications. |
| 4716 | Transformers of Various types and sizes for Distribution |
| 4720 | Battery Chargers and Rectifiers for General Purpose |
| 4721 | Inverters, Parts and Accessories other than Rolling Stock |
| 4722 | Uninterrupted Power Supply (UPS), Parts and Accessories other than Rolling Stock |
| 4724 | Electric Control Panels |
| 4728 | Electroplating, Phosphating Plant and Equipments |
| 4732 | Electric Lift, Elevators Escalators and their Accessories |
| 4735 | Electric Pumping Sets, Parts and Accessories |
| 4738 | Electric Oven and Furnaces |
| 4739 | Climatic Chambers, Parts and Accessories |
| 4740 | Electric Torque Wrenches and their Spare Parts |
| 4741 | Wheel Profile and Shaping Machine and their Spare Parts |
| 4742 | Electric Machineries not classified elsewhere |
| 50. Telematics & Telecom Equipment | |
| 5001 | Analog Electronic Telephone Exchange, Equipment, Accessories and Spares |
| 5002 | Digital Electronic Telephone Exchange, Equipment, Accessories and Spares |
| 5003 | Telephone Set (PBT), Accessories & Spares |
| 5004 | Key Telephone Sets, Accessories & Spares |
| 5005 | Train Control Communication Systems Equipment, Apparatus, Accessories & Spares |
| 5006 | 2 Wire/ 4 Wire Train Traffic Equipment with DTMF |
| 5007 | 2 Wire/ 4 Wire Way Station Control Phone with Electro Dynamic Transducers |
| 5008 | Magneto Telephone with Electro Dynamic Transducers |
| 5009 | Electronic Magneto Telephone |
| 5010 | 2 Wire/ 4 Wire Portable Emergency Control Telephone |
| 5011 | 2 Wire/ 4 Wire Portable Emergency Control Telephone |
| 5012 | Universal Way Station Control Telephone |
| 5013 | Desk type 2 Wire 12 Way DTMF Telephone |
| 5014 | Fax Machine, Accessories & Spares |
| 5015 | Mobile Phone Sets, Accessories & Spares |

| Trade Group No. | Description of Items |
|--|---|
| 5016 | VSAT Terminals, Accessories & Spares |
| 5017 | Level Crossing Gate Control Equipment |
| 5018 | Loud Speakers, Microphones, Amplifiers and Allied Equipments and Parts |
| 5019 | Public Address System, Accessories and Spares other than Coaches |
| 5020 | Emergency Socket Box in Re-Area |
| 5021 | Telecom Termination Box for Cables |
| 5022 | Control Communication Equipment for OFC |
| 5023 | VoIP Based Train Control Communication System, Equipments, Accessories & Spares |
| 5024 | Media Converter (Ethernet to Optical) |
| 5025 | Video Conferencing System, Accessories & Spares |
| 5026 | Bells, Bell Pushes and Buzzers |
| 5027 | Access Control System, Accessories & Spares |
| 5028 | Passenger Information System, Accessories and Spares |
| 51. IT Related Hardware, Software & IT Services | |
| 5101 | Desk Top PCs, All in One, Laptops, Tablets and Accessories & Parts |
| 5102 | Servers, Parts and Accessories |
| 5103 | Microprocessors, RAM, ROM, EPROM |
| 5104 | CD / DVD Readers/ Writers |
| 5105 | Monitors, Terminals, Key Boards, Mouse & Digital Pens |
| 5106 | Networking Equipment other than Items of Trade Group 5206 |
| 5107 | Racks |
| 5108 | Hard Disc Drives / Discs, SSDs |
| 5109 | Magnetic Tapes |
| 5110 | Floppy Discs/ CDs / DVDs |
| 5111 | USB Pen Drives, Memory Cards |
| 5112 | Database Applications |
| 5113 | Operating Systems, Compilers, Engines, Middleware and Application Software |
| 5114 | Antivirus, Firewalls |
| 5115 | IT Related Services like AMC, ATS, Consultancy |
| 5116 | Printers & Accessories |
| 5117 | Scanners |
| 5118 | Printer Ribbons and Heads |
| 5119 | Drums, Cartridges, Toners & Ink Tanks |
| 5120 | Digital Cameras, Accessories & Spares |
| 5121 | Biometric Capturing Devices |
| 5122 | Readers- Bar Code, QR Code |
| 5123 | RFID & RFID Reader |
| 5124 | Smart Card and it's Reader |
| 5125 | Digital Signing & Encryption Certificates |
| 5126 | Storage Area Networks |
| 5127 | System Integration Service Providers |
| 5128 | Cloud Services |
| 5129 | It Security Related Services like Testing and Certification etc. |
| 52. Wireless & Communication Equipment, Including Electronic Components, Digital Electronic Testing Equipment | |
| 5201 | Wireless Equipment and Accessories & Spares |

21/3/2022 5/12

| Trade Group No. | Description of Items |
|---|---|
| 5202 | Microwave Equipment and Accessories & Spares |
| 5203 | Digital Transmission Equipment & Spares |
| 5204 | VHF Sets, Accessories & Spares |
| 5205 | VHF Based Secured Station Communication Equipment |
| 5206 | Modems, Routers, Hubs and Switches & Spares |
| 5207 | Surge Protective Devices for Telecommunication System |
| 5208 | Bluetooth Devices |
| 5215 | Electronic Calculators |
| 5220 | Mobile Train Radio Communication System, Parts and Spares |
| 5225 | Television Sets, Parts and Accessories |
| 5226 | CCTV Surveillance System |
| 5227 | Video Recorders |
| 5230 | Consumer Electronic Appliances |
| 5231 | Diodes, Thyristors, Transistors, Integrated Circuits (ICs), Hybrid Circuits |
| 5232 | Digital Electronic Testing Equipments, PCM Analysers, Active Components Testers, Digital ICs Testers, Insertion Loss Testers, Secondary Calibrators, In-circuit Board Testers |
| 5233 | Oscilloscope, Digital Storage Oscilloscope and Accessories |
| 5279 | Other Sophisticated Electronic Equipment and Spares not classified else where |
| 54. Mechanical Signalling and Interlocking Equipment not covered by other Groups | |
| 5410 | Interlocking Frames, their Parts and Fittings Cranks Compensators etc. |
| 5413 | Signal Lamp Burners , Parts and Accessories |
| 5414 | Electric Lamps for Railway Signalling |
| 5415 | Signal Arm Spectacles, Clips, Roddings, Rollers, Compensators |
| 5418 | Lenses and Roundals for Signals |
| 5422 | Barriers Lifting Gates, etc. |
| 5426 | Signal Poles Tubular and Lattice |
| 5430 | Signal Poles (RCC) |
| 56. Electrical Signalling & Locking Equipments | |
| 5603 | Route Relay Interlocking System, Parts and Spares |
| 5604 | Electric Key Transmitter, Parts and Spares |
| 5607 | Electric Lifting Barrier, Parts and Spares |
| 5608 | Electrical Signal Machines , Parts & Accessories |
| 5609 | Electric Points Machine/Detectors, Parts and Spares |
| 5613 | Block Instruments, Parts and Spares |
| 5614 | Electrical Signal Reversers, Parts and Accessories |
| 5615 | Electrical Circuit Controllers, Parts and Spares |
| 5616 | Relays for Signalling Application, Parts and Spares |
| 5618 | Control Frames and Cabin Fittings, |
| 5619 | Colour Light Signal, Multi Unit type, Parts and Spares |
| 5620 | Signal Route Indicators, Parts and Spares |
| 5621 | Axle Counting Unit (Analog/Digital), Parts and Accessories |
| 5622 | Shunt Signals , Parts and Spares |
| 5623 | LED Signals, Parts and Accessories |
| 5624 | Battery Operated LED Based Flashing Hand Signal Lamps/Tail Lamps, Parts and Spares |

Am 2/12/2012

| Trade Group No. | Description of Items |
|---|---|
| 5625 | Solar Photo Voltaic Module for Signalling Application |
| 5626 | Ferro Resonant type Voltage Regulator for Signalling Application |
| 5627 | Terminal Blocks, Fuse Terminal Blocks and Fuse Links for Signalling Application |
| 5628 | Rail Insulation Joints for Signalling Purpose |
| 5671 | SMPS Based Integrated Power Supply System (IPS), Parts and Accessories for Signalling Application |
| 5672 | Train Collision Avoidance System (TCAS), Parts and Accessories |
| 5673 | Advance Auxiliary Warning Systems (AAWS), Parts and Accessories |
| 5674 | Train Protection Warning System (TPWS), Parts and Accessories |
| 5675 | Electronic Interlocking, Parts and Accessories |
| 5676 | Control Panels, Parts and Accessories |
| 5677 | Solid State Microprocessor Based Token less Block Instruments, Parts and Accessories |
| 5678 | Data Logger System for Railway S&T Installation, Parts and Accessories |
| 5679 | Electrical Signalling Equipment and Spares not otherwise classified |
| 60. Permanent Way and Bridge Work | |
| 6005 | Rails |
| 6006 | Crossings and Switches |
| 6007 | Insulating Liners |
| 6008 | Metal Liners |
| 6009 | Tie Bars, Fish Plates, Fish Plate Bars, and Tie Plates |
| 6010 | Elastic Rail Clips |
| 6011 | Grooved Rubber Sole Plates (GRSP) & Composite GRSP |
| 6012 | Fish Bolts, Nuts, Keys and Fastenings |
| 6013 | Spheroidal Graphite Cast Iron Inserts |
| 6014 | Spring Setting Device |
| 6015 | Steel Sleepers |
| 6017 | C.I. Sleepers and Chairs |
| 6019 | PSC Sleepers |
| 6021 | Composite Sleepers |
| 6022 | Alumino-Thermic Portion Manufacturers |
| 6023 | Rubberised Surface at Level Crossings |
| 6024 | Track Based Lubricators (Electronic/Hydraulic type) |
| 6025 | Track Tools Exclusively Used for Permanent Way Work. |
| 6029 | Complete Bridge Girders, Steel, PSC |
| 6032 | Conventional Track Machines and Spares |
| 6035 | Dip Lorry, Push Trolley, Motor Trolley Complete |
| 6038 | Welded Wheels for Trolley |
| 6042 | Hydraulic Buffers at Station Ends |
| 6079 | Spares for Conventional Track Machines mentioned in Trade Group 6032 |
| 61. Building Material and Sanitary Wares | |
| 6105 | Cement, Lime, Sand and Bricks |
| 6108 | Tiles for Flooring & Wall, Earthenware, Glazed |
| 6109 | Marbles & Granite |
| 6113 | Roofing Materials |
| 6116 | Waterproofing Compound for Buildings |
| 6119 | Doors and Windows, Metal |

Amal 5/12

| Trade Group No. | Description of Items |
|--|--|
| 6122 | Tiles Roofing and Ridges |
| 6125 | Water Tanks, Steel of sizes |
| 6126 | Water Tanks R.C.C. |
| 6128 | Tubular Structures Pre-Fabricated |
| 6131 | Collapsible Steel Gates, Frills, Rolling Shutters and Similar Items. |
| 6134 | Flushing Cisterns, Tanks and Fittings |
| 6137 | Sanitary Porcelain Ware |
| 6140 | A.C. Sheets Asbestos Trafford Sheets Ridges etc. |
| 6142 | Bitumen Washers and Limpet Washers |
| 6145 | Pans Dust Pans Latrine, Drums, C.I. Boxes |
| 6148 | Water Columns and Fittings |
| 6151 | Yard Enclosing Materials |
| 6154 | Ladders, Wooden, Steel and Aluminium |
| 6156 | Venetian Blinds |
| 6158 | Stone Ballast different sizes |
| 6159 | Special Items not classified elsewhere |
| 62. Pipe and Pipe Fittings | |
| 6205 | C.I. Pipes and Fittings |
| 6207 | G.I. Pipes and Fittings |
| 6209 | R.C.C. Pipes and Fittings |
| 6211 | Pipes Stoneware and Fittings |
| 6213 | Tubes Bright |
| 6215 | Stainless Steel Pipes and Fittings |
| 6218 | Copper and Brass Pipes |
| 6221 | Other Alloy Pipes |
| 6224 | Special Pipings for Diesel Locos |
| 6228 | Pipes Seamless and E.R.W. |
| 6231 | Boiler Tubes, Flue Tubes & Element Tubes |
| 6235 | P.V.C. Pipes, Flexible and Rigid and Teflon Pipes |
| 6238 | Valves and Cocks of sorts and sizes |
| 6241 | Meter Flow and Water |
| 63. Road/Rail Signage Board and Road Safety Items | |
| 6301 | Retro-Reflective/Vitreous Enamelled Warning/Speed Restriction Boards for Road/Rail |
| 6302 | Retro-Reflective type Road Signage/Direction Boards |
| 6303 | Permanent Way Markers, Eyelets, Road Delineators |
| 6304 | Retro-Reflective (Glass Embedded/Prismatic) Sheets |
| 6305 | Protective Gears for Road Users, Helmets etc. |
| 6306 | Road Barricades |
| 6306 | Road Safety Equipments not otherwise classified |
| 65. Plant and Machinery Including Complete Units | |
| 6503 | Hydraulic Presses and Spares |
| 6505 | Air Compressors and Spares not Used in Rolling Stock |
| 6507 | Pumping Sets Power Operated and Spares |
| 6508 | Pumping Sets Hand Operated and Spares |
| 6510 | Overhead Cranes and Spares |
| 6511 | Jib Cranes |

Amgus 5/2

| Trade Group No. | Description of Items |
|---|---|
| 6512 | Mobile Cranes, Diesel or otherwise Powered and their Spare Parts |
| 6513 | Rail Grinding and Milling Machines and their Spare Parts |
| 6514 | Small Track Machines in Approved List of RDSO |
| 6516 | Road Rollers, Concrete Mixers and other Engineering Plant and Machines. |
| 6525 | Pneumatic Hammers, Shearing Brake Press Punching, Bolts and Nuts Forging Machines, Pugmill etc. |
| 6528 | Machine Tools Powered by Electricity |
| 6530 | Pedestal Grinders |
| 6532 | Weighing Machines and Spares |
| 6533 | Road/Rail Weigh Bridges (Electronic) 30 MT & Above, Parts and Spares |
| 6534 | Prime Movers and Spares (Diesel & Oil Engines & Spares) |
| 6535 | Earth Drillers, Scavenging |
| 6536 | Track Tamping Machines and their Spare Parts |
| 6537 | Ballast Cleaning Machines and their Spares |
| 6538 | Ballast Regulating Machines and their Spares |
| 6539 | Track Laying Machines and their Spares |
| 6540 | Vehicular Ultrasonic Testing Machine for Rails and Welds and their Spare Parts |
| 6541 | DGS Machines and their Spare Parts |
| 6542 | Track Monitoring and Recording System and their Spare Parts |
| 6543 | Spare Parts of Utility Track Vehicles |
| 6544 | Spare Parts of Mechanised Wagons for Turn Out Assemblies |
| 6545 | Spare Parts of Rail Inspection Vehicle (RIV) |
| 6546 | Spare Parts of On-Track Machines not classified elsewhere |
| 6547 | Pneumatic Tools and Machines |
| 6548 | Earth Moving Equipments, Bulldozer, JCBs etc. |
| 6549 | Blasting Equipments |
| 6550 | Pile Driving Equipments |
| 6551 | Gearless Hand Operated Pulling and Lifting Machine |
| 6552 | Pulley Blocks & Winches |
| 6553 | Ratchet Lever Hoist |
| 6554 | Metal Spraying Equipments |
| 6555 | Furnaces Oil Fired of Various sizes. |
| 6556 | Water Treatment Plant |
| 6557 | Water Purifiers, ROs (office/Home/Industrial Use) |
| 6558 | Spray Painting Equipment & Tools |
| 6559 | Machine Printing of all type & Spares |
| 6560 | Composing Machines, Binding Machine etc. |
| 6561 | Machinery for Cloth Cutting Hand/Power Operated etc. |
| 6562 | Lathe Machines, Tool Room Machines their Spare Parts |
| 6563 | CNC Machines, their Parts and Spares |
| 6564 | Muck Disposal Units their Parts and Accessories |
| 6565 | Sophisticated Machine & Plant and their Spare Parts Required for Production Units |
| 6576 | Unmanned Aerial Vehicle (Drone), its accessories and spare parts |
| 6577 | 3D printing equipment |
| 6578 | High Pressure Cleaning Machines |
| 6579 | Other Machinery and Plant and Spares not otherwise classified |
| 67. Road Motors, Auto Trucks, Material Handling Equipments and Spares. | |

| Trade Group No. | Description of Items |
|---|--|
| 6705 | Complete Trucks, Lorries, Cars or other Road Vehicles |
| 6707 | Petrol and Diesel Powered Engines and Spares for Cars, Trucks and Lorries. |
| 6712 | Tyres and Tubes of all types |
| 6717 | Lister Jumbo Auto Trucks and their Spares including Engines. |
| 6719 | Battery Operated Auto Trucks and Spares. |
| 6722 | Fork Lift and Spares |
| 6727 | Bicycles/ Motor Cycles and Spares |
| 6728 | Tractors and their Spare Parts |
| 6732 | Material Handling Equipment-different types and their Spares |
| 6735 | Carts, Trolleys, Wheel Barrows etc. - Hand Operated |
| 6738 | Lawn Movers |
| 6742 | Hydraulic & Screw types Jacks |
| 6748 | Conveyors, Belt Roller Chain etc. |
| 6759 | Automobile Spares of all sorts |
| 69. Items and Equipments peculiar to RPF requirments | |
| 6901 | Hand Held Metal Detectors |
| 6902 | Luggage Scanning Machine |
| 6903 | Door type Metal Detector |
| 6904 | Body Scanning Machines |
| 6905 | Arms & Ammunitions |
| 6906 | Bullet Proof Jackets/Vests |
| 6907 | Search Lights |
| 6908 | Beacon Lights |
| 6909 | Other Security Related Items not classified elsewhere |
| 70. Abrasives | |
| 7005 | Grinding Wheels of Various types, sizes and Shapes |
| 7010 | Coated Abrasives on Paper/Cloth |
| 7015 | Abrasive Paste |
| 7020 | Abrasive Powder |
| 71. Brushes, Brush ware, Baskets & Bamboo Products | |
| 7105 | Brushes, Painters |
| 7107 | Brushes, Lettering |
| 7108 | Brushes, Special for Coach Painting |
| 7110 | Brushes, Wire |
| 7111 | Paint Rollers |
| 7115 | Brushes, other types |
| 7120 | Brooms |
| 7125 | Cane, Cane Baskets and other Cane Products |
| 7130 | Baskets, Bamboo, Handles, Lathies, Ladders and other Articles |
| 72. Tools, Accessories Components and Non-Electrical Instruments | |
| 7205 | Hand Tools viz, Hammers, Spanners, Wrenches Drifts, Punches and Chisels etc. |
| 7211 | Files of different size and varieties |
| 7215 | Carpenter's Tools |
| 7216 | Plumber's Tools |
| 7218 | Screw Drivers, Pliers of different types and sizes Insulated or otherwise |
| 7221 | Smithy, Foundry & Masonry Tools |

mgc 5/12

| Trade Group No. | Description of Items |
|--|--|
| 7224 | HSS Tools - Drills, Reamers, Taps, Dio- Chasers, Sockets and Milling Cutter of different varieties and sizes |
| 7227 | Handsaws of all types/sizes |
| 7230 | Blades and Saws of types and sizes |
| 7233 | Cemented Carbide Tipped Tools |
| 7238 | Pickaxes, Phowrahs, Shovels etc. |
| 7243 | Forges Portable |
| 7245 | Bellows Smith |
| 7246 | Diamond-Tipped Tools |
| 7248 | Measures, Weights and Volume |
| 7250 | Scales, Weighing |
| 7252 | Tapes, Measuring Metallic, Steel |
| 7254 | Handles Wooden |
| 7257 | Instruments - Survey |
| 7258 | Measuring Instruments (Non-Electrical) |
| 7279 | Special Tools, not classified elsewhere |
| 73. Hardware Items, Fasteners | |
| 7305 | Bolts, Nuts Rivets, Studs, Screws all types and sizes (Ferrous) |
| 7306 | Bolts, Nuts Rivets, Studs, Screws all types and sizes (Galvanised Iron) |
| 7309 | Bolts, Nuts Rivets, Studs, Screws all types and sizes (Cadmium). Chromium, Nickel Plated etc. |
| 7311 | Bolts, Nuts Rivets, Studs, Screws all types and sizes (Non-Ferrous) |
| 7313 | Bolts, Nuts Rivets, Studs, Screws all types and sizes (Involving Special Raw Materials) Tolerances etc. such as may be needed for Diesel/Electric Locos) |
| 7315 | Screws Woods etc. of all types |
| 7318 | Washers of all types and sizes, Ferrous and Non-Ferrous |
| 7321 | Washers, Circlips etc. of Spring Steel |
| 7325 | Pins-Panel, Cotters, Spilt Cotters Split Taper, Solid Taper |
| 7330 | Wire Nails of all types (Ferrous and Non- Ferrous) |
| 7335 | Tacks Plain and covered |
| 7379 | Miscellaneous or Special type Fasteners not otherwise classified |
| 74. Hardware (Other than Fasteners), Wire Ropes, Chains and allied Fittings Oil Lamps etc | |
| 7405 | Steel Wire Ropes-Lifting, Hoisting General Purposes and Signalling |
| 7408 | Chains of all types and sizes |
| 7411 | Buckets Cans and Drums, Tin Cases Feeders Oil, Kettles, Pans, Pots Ferrous |
| 7414 | Buckets Cans and Drums, Tin Cases Feeders Oil, Kettles, Pans, Pots (Non- Ferrous) |
| 7417 | Buckets Cans and Drums, Tin Cases Feeders Oil, Kettles, Pans, Pots (Non- Metallic) |
| 7420 | Belt, Lacing Steel for Belts Alligator type etc. and Hose Clips |
| 7424 | Lamps Oil and Spares, Lamps Blow and Spares, Pressure Lamps, Stoves and Spares |
| 7428 | Wicks for Lamps, Tapes for Fealling. Newar for Cots etc. |
| 7432 | Glass Chimneys for Lamps, Globes for Light Fitting etc. |
| 7436 | Builders Hardware (Ferrous and Non- Ferrous) like Tower Bolts, Latches, Hinges, Locks etc. |
| 7440 | Expanded Metal, Wire mesh, Weldmesh |
| 75. Rubber, Leather, Canvas, Plastic | |
| 7505 | Flooring- PVC and Kindred Materials |

| Trade Group No. | Description of Items |
|---|---|
| 7510 | Leather and Leather Goods- Apron Gauntlets, Washers, Leather Buckets, Leather Bellow, Cash Bags, Suit Cases, Brief Cases etc. |
| 7515 | Canvas and Canvas Goods, including Tarpaulins, Apron Gauntlet, Raincoats etc. |
| 7520 | Plastics, Linoleum, Rexine and other Coated Products |
| 7521 | Polycarbonate Material Products, FRP Products |
| 7522 | Vinyl Wrappings |
| 7525 | Coir, Jute, Manila and other Vegetable Fibres and their Products |
| 7530 | Synthetic Fibres and their Products including Nylon Ropes. |
| 7535 | Hoses of types and sizes including Rubber, P.U.C. Armoured etc. |
| 7538 | Hoses of Various sizes-Canvas and Flax, Braided Woven etc. |
| 7541 | Metallic Flexible Hoses |
| 7544 | Belts, Leather of types and sizes |
| 7546 | Belts Canvas of sizes |
| 7548 | Belts, Rubber and Rubber Impregnated of types and sizes |
| 7550 | Gaskets, Rubber of Synthetic Material |
| 7552 | Felt and Felt Products |
| 7554 | Hessian and it's Products |
| 7556 | Special Rubber and Plastic Components including Bonded Sandwiched Materials, Weather Strips etc. exclusively required for Diesel and Electric Locos |
| 7557 | Flooring Composition and Crystals etc. Flooring Tiles, Sheets etc. |
| 76. Electrodes, Cutting and Welding Plants & Accessories | |
| 7605 | Electroded and Fluxes (Arc Welding, Ferrous and Non-Ferrous) |
| 7601 | Welding Rods Gas Welding (Ferrous, Non-Ferrous) |
| 7615 | Electrode Holders of different types and Makes |
| 7620 | Flame Cutting Machines and their Spares |
| 7625 | Welding Plants, Machines and their Spares Electrical (including Welding Transformers, Oil and Air Cooled) |
| 7630 | Welding Plant, Machines and their Spares, Mechanical Consisting of Blow Pipes, Cutting Nozzles, Spanners etc. |
| 7635 | Butt and Arc Welding Plant and Spares |
| 7636 | Flash Butt Welding Plant and Connected Machines & Accessories for Rails |
| 7640 | Welders, Protective Equipment for Eyes, Face, Head etc. |
| 7645 | Electrodes, Graphite for Furnaces |
| 77. Paints, Varnishes and Enamels Including Painters Oil | |
| 7704 | Paints- Primer |
| 7706 | Paints of all varieties, Ordinary type |
| 7708 | Paints of all varieties, Enamel type |
| 7709 | Bituminous Paints |
| 7710 | Paints-Acid, Alkali and Heat Resisting |
| 7712 | Stove Enamelling Paints |
| 7716 | Spray Paints (Special Qualities) |
| 7719 | Special Paints not covered by Standard Specification |
| 7720 | Paints - Luminous |
| 7725 | Pigments of all varieties and colours |
| 7728 | Paint Removers |
| 7732 | Special Varnishes for Insulating Purposes |

mgs
5/12

| Trade Group No. | Description of Items |
|--|---|
| 7735 | French Polish and Varnishes for General Use |
| 7738 | Thinners and Lacquers for Painting and Polishing. Turpentine, Spirits, Methylated etc. |
| 7741 | Putty- Wood and Metal, in Wet and Dry Form, Fillers, Gums, Resins |
| 7744 | Distempers of all types |
| 7747 | Linseed Oil all varieties |
| 78. Crockery Cutlery Napery, Kitchen and Tableware, Furniture and other Equipments Including Clocks, Watches etc. | |
| 7805 | Crockery, Porcelain, Stainless Steel, Copper, Brass, Glass Enamelware, Melamine etc. |
| 7808 | Disposable Plates, Glasses etc. |
| 7812 | Cutlery |
| 7821 | Utensils: Non-Ferrous, Stainless Steel etc. |
| 7825 | Canteen & Kitchen Equipment, Cooking Ranges, Hearths Stoves |
| 7826 | Induction Plates, Electric Kettles, Steamers, Micro Wave/OTG Ovens and Food Processing Appliances |
| 7827 | Electric Chimney |
| 7828 | Dish Washer |
| 7830 | Furniture (Wooden/ Moulded) |
| 7831 | Furniture Steel including Hospital Furniture |
| 7835 | Clocks and Watches of various types and sizes |
| 7843 | Almirah (Steel/ Wooden) |
| 7846 | Cash Safes, Security Lockers, Cash Boxes |
| 7879 | Miscellaneous Items not covered else where |
| 79. Cloth, Clothing & Personal Equipment and Cotton Products like Cord, Twing Ropes and Waste Cotton etc. | |
| 7903 | Cloth Cotton Printed and Plain (Khadi) |
| 7905 | Cloth Cotton other than Khadi |
| 7907 | Cloth Woollen |
| 7908 | Fire Retardant Curtain Fabrics |
| 7909 | Cloth other types, including Synthetic |
| 7910 | Garments Khadi |
| 7912 | Garments Cotton, other than Khadi |
| 7913 | Garments of all other Materials including Synthetic. |
| 7914 | Garments (Woollen) |
| 7917 | Blankets (Woollen) |
| 7920 | Hosiery Cotton & Woollen |
| 7921 | Bed Sheets, Towels, Table Cloth, Napkins of all types |
| 7922 | Mosquito Curtains |
| 7927 | Mattresses and Pillows (Coir cotton, Foam Rubber) |
| 7930 | Garniture Items, Sewing Threads- different Quality and colours |
| 7932 | Twines and Cords |
| 7935 | Button- Other than Metallic |
| 7937 | Buttons- Metallic |
| 7940 | Waste Cotton |
| 7942 | Yarn Woollen |
| 7945 | Caps with or without Hood-Water Proofing |
| 7947 | Rain Coats Rubberised and Plastic |

m2 5/12

| Trade Group No. | Description of Items |
|---|---|
| 7949 | Umbrella-Hand, Garden and Survey |
| 7950 | Carpets of all Materials |
| 7951 | Foot-Wear, Gumboots, Shoes, Boots, Leather Aprons etc. |
| 7952 | Polish Boot of all colours |
| 7954 | Flags, Banner and Buntings |
| 7956 | Badges Metal, Whistles etc. |
| 7957 | Badges Cloth and Embroidery |
| 7958 | Water Bottles Metallic, Non-Metallic |
| 7959 | Solar Hat, Felt Hat and Woollen Caps, Industrial Helmet, Kullahas |
| 80. Petroleum and Petroleum Products | |
| 8005 | Lubricating Oils, Greases |
| 8010 | Oil, Transformer |
| 8015 | Oil Cutting, Quenching. |
| 8020 | Fuel Oil, Furnace Oil, LPG, CNG, PNG |
| 8025 | Asphalt, Tar, Bitumen Products. |
| 8030 | Preservatives Wood, Creosote etc. |
| 8035 | Rust Preventive and Rust Removers. |
| 81. Acids, Chemicals and Chemical Products (Including Soaps Disinfectants, Insecticides and Explosives and Vegetable Oil | |
| 8105 | Acids (Boric, Hydrochloric, Sulphuric etc.) |
| 8108 | Chemicals General |
| 8109 | Chemical Reagents for Chemical/Metallurgy Lab |
| 8111 | Gases (Acetylene, Argon, Carbon dioxide, Liquid Chlorine, Oxygen, Nitrogen, Ammonia, Hydrogen, Helium & Analytical Gases) |
| 8112 | Refrigerants |
| 8113 | Cutting Gases not covered elsewhere |
| 8114 | Soaps and Detergents, Cleaning Compounds. |
| 8117 | Tallow, Waxes, Resin etc. |
| 8120 | Disinfectants, Deodorants and Insecticides. |
| 8123 | Explosive Items for Signals |
| 8126 | Vegetable Oil |
| 8128 | Oils Edible |
| 8131 | Chemicals for Electroplating and Case Hardening |
| 8132 | Chemicals for Water Softening. |
| 8133 | Chemicals for Foundry Use (Other than Foundry Sand) |
| 8134 | Calcium Carbide |
| 8137 | Naphthalene |
| 8140 | Metal Polish in Liquid, Paste and Powder Form. |
| 8143 | Graphite and Plumbago |
| 8146 | Foundry Sand |
| 8149 | Chalk |
| 82. Drug, Pharmaceuticals, Hospital Instruments and Equipment | |
| 8201 | Anti-Helminthics |
| 8202 | Anti Allergics |
| 8203 | Antibiotics |
| 8204 | Anti Viral/ Antiretroviral |

mgc/12
5/12

| Trade Group No. | Description of Items |
|--|---|
| 8205 | Anti Fungal |
| 8206 | Anti Malarial Medicine |
| 8207 | Anti-TB & Leprosy |
| 8208 | Analgesics & Antipyretics |
| 8209 | Gastroenterology Medicine |
| 8210 | Cardiology Medicine |
| 8211 | Respiratory Disease Medicine |
| 8212 | CNS Condition Medicine |
| 8213 | Psychiatry Medicine |
| 8214 | Injections, Capsules and Spray for Anaesthesia & Intensive Care |
| 8215 | Endocrinology Medicine |
| 8216 | Gynae & OBST Medicine, Instruments, Tools & Appliances |
| 8217 | Ophthalmology / ENT Medicine, Instruments, Tools & Appliances |
| 8218 | Dermatology Medicine, Ointments, Tools & Appliances |
| 8219 | I.V.Fluid & Plasma Expanders |
| 8220 | Vitamins and Minerals. |
| 8221 | Sera Toxin Vaccine |
| 8222 | Surgical & Uro-surgical Medicine |
| 8223 | Surgical Dressings etc. |
| 8224 | Anti Cancer Medicines |
| 8225 | Suture & other Material |
| 8226 | Radiology Items, Tools, Small Machines, Films, Consumables & Appliances |
| 8227 | Nephrology Items, Consumables, Small Machines, Tools & Appliances |
| 8228 | Pathology Lab Items, Test Kits, Consumables & Reagent Packs |
| 8229 | Indent Arthroscopy Items, Consumables, Small Machines, Tools, Appliances & Joint Replacements |
| 8230 | Surgical Items, Instruments, Tools & Appliances |
| 8231 | First Aid Kit Boxes |
| 8232 | Medical Equipments for Ambulance |
| 8233 | Surgical Instruments for Ambulance |
| 8234 | Small Medical Equipments, Machines & Tools |
| 8235 | Medical Equipments/Machines for Radiology-X-Ray, CT Scan, MRI, Ultrasound, C-Arms, Colour Dopplers |
| 8236 | Sophisticated Instruments and Equipments Required for Pathology, Diagnostics, Bio-Chemistry Analysers, Microscope, Video Scope etc. |
| 8237 | Operation Theatre Equipments, Autoclaves, O.T. Lights etc. |
| 8238 | Sophisticated Medical Equipments Required for Cardiology, Gastroenterology, Ophthalmology, ENT, Nephrology, Dental & ICU etc. |
| 8279 | Sophisticated Instruments and Equipments Required for Hospital use not otherwise classified |
| 8280 | Annual Maintenance Services for Medical Equipments |
| 8281 | Annual Hiring Services for Medical Equipments |
| 83. Stationery and Photographic Goods and Equipments, Laboratory Equipments not covered elsewhere and Packing Materials | |
| 8305 | Paper and Cloth for Tracing and Drawings |
| 8308 | Paper Ordinary Writing, Typing, Carbon and Photocopiers |

23/11/12

| Trade Group No. | Description of Items |
|---|--|
| 8309 | Paper Printing Flat Paper |
| 8310 | Paper Printing in Reels |
| 8311 | Computer Stationery |
| 8312 | Thermal Paper |
| 8313 | Toilet Paper |
| 8315 | Packing Items of Paper Cartons, Boxes Kraft Paper, etc. |
| 8318 | Packing Board (Paste), Paper Board (Straw), Blank Foolsap etc. |
| 8319 | Ticket Boards, Blank Card Tickets |
| 8325 | Mathematical and Drawing office Equipments and Materials, Instruments Box, Drawing Board, T-Square, Set Square, etc. |
| 8327 | Adhesives- Araldite, Rubber Jointing Solution, Fevicol, Feviquick etc. |
| 8328 | Binding Materials- Gum, Dextrain Powder, Gur, Gum etc. |
| 8329 | Tapes Adhesive |
| 8330 | Tamper Proof Tapes |
| 8331 | Jointing and Packing Materials not classified elsewhere |
| 8332 | Miscellaneous Stationery Items like Eraser Rubber, Cello tape, Signature Pad, Sealing Wax, Paper Weight, Pins, Pins Safety, Paper Clips, Paper Jem, Blotting Paper, Nipper Ticket, Ink Violet, Files Folders, Eyelets and Writing Materials, Ink, Pen, Pencils, Ball Pens, Refills, Marker Pens, Ink Pads, Inkless Thumb Impression Pads |
| 8333 | Paper Shredding Machines |
| 8334 | Holograms |
| 8335 | Rubber Blocks and Stamps |
| 8336 | Digital Photocopiers, Spares etc. |
| 8337 | Digital Duplicating Machines, Spares etc. |
| 8338 | Paper Ammonia, Ferro Prussiate etc. |
| 8340 | Printing Ink of all colours |
| 8343 | Photographic Goods and Equipments, Photographic Films, Photographic Papers, Photographic Chemicals |
| 8347 | Laboratory and Scientific Equipment. Glass Receptacles, Instruments Measuring/Weighing not classified else where |
| 8350 | Types for Composing |
| 84. Refractories, Foundry Items & Glass substituted Asbestos Fibre | |
| 8405 | Fire Bricks Moderate Heat Duty |
| 8406 | Fire Bricks High Heat Duty |
| 8410 | Tiles Refractory for Electric Furnace |
| 8413 | Fire Clay Mortars |
| 8414 | Clay Bentonite Powder |
| 8415 | Silica Sand |
| 8416 | Fluorspar |
| 8417 | Crucibles and Accessories |
| 8418 | Refractory Item for Is-6, Is-8 and High Alumina upto 40% |
| 8419 | Magnesite Ramming Mass for Steel Foundry |
| 8420 | Roof Set for Foundry |
| 8421 | Graphite Electrode for Foundry |
| 8422 | Ferro Manganese, Ferro Silicon, Silico Manganese, Ferro Molybdenum, Calcium Silicide for Foundry |

mgs 1/12

| Trade Group No. | Description of Items |
|--|---|
| 8423 | High Alumina Sleeve Jointing Paste |
| 8424 | Yellow Dextrin |
| 8425 | Chills & Chaplets of all types for Foundry |
| 8426 | Lime Stone |
| 8427 | Mirrors of all sizes & types |
| 8428 | Glass Sheets Toughened and Laminated |
| 8429 | Glass Items not classified else where |
| 8430 | Cork Sheets |
| 8432 | Fibreglass Products |
| 85. Ball, Spherical and Roller Bearings | |
| 8505 | Ball Bearings of all types |
| 8510 | Thrust Ball Bearing-Single and Double Row |
| 8515 | Roller Bearings of all types, Spherical Self Aligning Cylindrical Taper etc. including those needed for Rolling Stock |
| 8520 | Needle Bearings |
| 8525 | Bearing Housing Balls and Rollers Steel Bearings |
| 8579 | Special Bearings not otherwise classified |
| 86. Fire Fighting Equipments | |
| 8605 | Portable Fire Extinguishers Dry Powder of all types, CO2 and Foam types |
| 8610 | Refills for Fire Extinguisher Dry Powder of all types and CO2 and Foam types |
| 8615 | Fire Fighting Equipments Complete Equipped with Petrol Engine, Pumps, Hoses and Nozzles |
| 8616 | Spares for Fire Fighting Equipments |
| 8617 | Fire Alarm & Protection Equipments |
| 8620 | Fire Hoses and Couplings |
| 8625 | Fire Fighting Buckets (Sand and Water) & Stand |
| 8630 | Fire Hydrants |
| 8631 | Fire Retardants |
| 8685 | Sirens/Hooters |
| 90. Raw Materials (Ferrous) | |
| 9005 | Pig Iron of all Grades |
| 9007 | Ferrous Scrap for Melting |
| 9009 | M.S. Channels, Beams, Angles, Tees, Torsteel, Squares, Hexagonal etc.) |
| 9011 | M.S. Section (Flats, Round Bars) |
| 9013 | M.S. Plate and Sheets |
| 9015 | Tin Plate, Strips, Hoops and Sheets |
| 9017 | Spring Steel Wires |
| 9019 | Spring Steel Rounds, Volute Sections and Flats |
| 9021 | Tools Steel (Die Block Flats, H.S.S. etc.) |
| 9023 | Stainless Steel Sheets and Sections |
| 9025 | Ferro Alloys |
| 9027 | Blooms, Slabs, Billets |
| 9029 | Special Steel Sections |
| 9031 | Steel Plates and Sheets other than Mild Steel |
| 9033 | M.S. Wires of all Gauges |
| 9035 | High Tensile Wires and Rods |

| Trade Group No. | Description of Items |
|---|---|
| 9040 | Steel Shots, Grits and Balls |
| 91. Non-Ferrous Metals | |
| 9105 | Non-Ferrous Virgin Ingots for Melting |
| 9107 | Non-Ferrous Alloys Ingots for Melting |
| 9111 | Non-Ferrous Scrap for Melting |
| 9113 | Non-Ferrous Section |
| 9117 | Non-Ferrous Bars-Flats, Squares Rounds Hexagonal, Tubes, Pipes etc. |
| 9119 | Extrusions Aluminium |
| 9122 | Non-Ferrous Sheets, Plates and Wires |
| 9125 | Non-Ferrous Suitable for Springs (Phosphor, Copper etc.) |
| 9128 | Lead Seals |
| 9131 | Lead Wool |
| 9135 | Precious Metal, like Silver, Nickel etc. |
| 9179 | Special Non-Ferrous Items not Listed elsewhere |
| 92. Fuel other than Petroleum Products | |
| 9205 | Coal and Coke |
| 9215 | Charcoal |
| 93. Wood & Timber | |
| 9305 | Logs Teakwood |
| 9307 | Logs Hardwood |
| 9315 | Sawn Timber including Seantings of all types |
| 9320 | Softwood |
| 9325 | Plywood and Veneer etc. of all types |
| 9326 | Wood Based Impregnated Compressed Laminates Sheet (Compreg Plywood) |
| 9327 | Pre-Laminated Shaded Compreg |
| 9330 | Bamboos, Ballies, etc. |
| 9379 | Miscellaneous Wooden/ Timber Items not covered elsewhere |
| 98. Scrap Merchants | |
| 9805 | Ferrous Scrap Merchants General |
| 9807 | Non-Ferrous Scrap Merchants |
| 9810 | Re-Rollable Ferrous Scrap Merchants |
| 9813 | Industrial Scrap Merchants |
| 9816 | Machinery Scrap Merchants |
| 9819 | Turning and Borings Scrap Merchants |
| 9822 | Timber Scrap Merchants (including Shaving, Saw Dust) |
| 9824 | Drums/ Barrels Merchants |
| 9825 | Waste Paper Merchants |
| 9831 | Miscellaneous Scrap Merchants |
| 9840 | E-Waste Merchants |
| 9842 | Hazardous Waste Merchants |

August 31/2