

TRADE GROUPS
For
Registration of Firms
For Items
Procured by Railways 2009

UNIFIED CLASSIFICATION OF TRADE GROUP

Major Group No.	Description of items
00	Metal processing groups.
01	Conversion / Miscellaneous Process groups.
03	Items peculiar to steam Locos.
10	Items peculiar to Diesel Locos.
11	Items peculiar to Vehicle and Chassis of Diesel Locos.
23	Items peculiar to Electric Locos and EMus.
30	Items peculiar to Coaching Stock and Wagons.
40	Cables, Conductors, Transmission materials.
42	General Electrical fittings.
43	Electrical measuring Instruments, Appliances and Components.
45	Cells of all types, Train Lighting items of special nature and Electrical amenities for passengers.
46	Electric Sub-station, Transmission and Distribution equipments.
47	Electric machinery and parts.
50	Telegraph and Telephone equipments.
52	Wireless equipments including Electronic components and spares for communication.
54	Mechanical signaling and interlocking equipments not covered by other Groups.
56	Electrical signaling and interlocking equipments.
60	Permanent Way and Bridge work.
61	Building materials and sanitary wares
62	Pipes and pipe fittings.
65	Plant and Machinery including complete units.
67	Road motors, Auto trucks, Material handling equipments and spare.
70	Abrasives.
71	Brushes, Brush ware, Baskets and Bamboo Products.
72	Tools, Accessories, Components and Instruments.
73	Hardware items, Fasteners.
74	Hardware (other than fasteners) Wire ropes, Chains and allied fittings Oil lamps, etc.
75	Rubber, Leather, Canvas, Plastic Flooring and kindred materials.
76	Electrodes, Cutting and welding accessories Electrical Oxyacetylene.
77	Paints, Varnishes and Enamels including Painters oil.
78	Crockery, cutlery, Napery, Kitchen and Tableware Furniture and other equipments including Clocks, watches etc.
79	Cloth, Clothing and Personal equipments, Cotton products like Cord, Twine ropes and waste cotton etc.
80	Petroleum and Petroleum Products.
81	Acids, Chemicals and chemical products (including soaps, Disinfectants Insecticides and Explosives) and Vegetable oils.
82	Drugs, Pharmaceuticals, Hospital instruments and appliances'.
83	Stationery and Photographic goods and Equipments and laboratory equipments not covered elsewhere.
84	Refractoriness, Glass, Glass substitutes, Asbestos, Fiber and packing materials.
85	Ball and Roller bearings.
86	Fire Fighting equipments.
90	Raw materials (ferrous).
91	Non-ferrous metals.
92	Fuel other than Petroleum products.
93	Timber.
98	Scrap merchants.

**STORES DEPARTMENT
TRADE GROUP
00 - METAL PROCESSING GROUP**

Trade Group No.	Description
0005	Light C.I. Casting (Including machining) up to 50 Kgs.
0006	Medium C.I. Casting (Including machining) up to 1000 Kgs.
0007	Heavy C.I. Casting (Including machining) beyond 1000 Kgs.
0008	Spherical graphite Cast Iron, including machining.
0009	Mechanite C.I. items.
0010	Steel Castings with machining up to 500 Kgs.
0011	Steel Castings with machining above 500 kgs.
0016	Malleable Castings with machining.
0018	Non-ferrous castings with machining.
0020	Die castings.
0021	Forgings light with machining.
0022	Forgings medium with machining.
0023	Forgings heavy with machining.
0024	Drop stampings and offset forging.
0025	Wheels, tyres, axles, for rolling stock.
0026	Wheels, tyres, axles for other than rolling stock.
0027	Glut rings.
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 riveted.
0038	Punching and press work.
0039	Re-rolling rounds and flats etc.
0042	Springs helical and volute.
0043	Springs laminated.
0044	Springs of SS wire.
0047	Manganese steel components such as liners pins & Bushes.
01- CONVERSION / MISCELLANEOUS PROCESS GROUP	
0107	Refining & Smelting of Non-ferrous Scraps into virgin metals and alloy ingots.
0108	Heat treatment flame, induction, Case hardening / carburizing metalizing.
0109	Galvanizing Components Hot / Dip / Electrolysis.
0110	Anodizing 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.
0115	Cuttings and shearing of Steel Sec. Including plates.
0117	Fabrication of bridge and other structures.
0120	Fabrication of garments, stitching.
0122	Printing and Binding Work.
0125	Transporting of Steel and other materials.
0128	Clearance of consignments from the ports.
0130	Automobile Body Building.
0131	Automobile repairs.
03 - ITEMS PECULIAR TO STEAM LOCOS	
0305	VDO speedometer and its spares including recording chart and flexible shafts with and couplings.
0308	Sanding Gears and Parts.
0310	Ejectors, Steam, Brake Valves and Spares.
0311	Injectors and Spares.
0315	Lubricators and Spares.
0316	Gauge Glass, Protector Glass and Bill's eye (sight Feed Glass).

- 0318 Pressure and Vacuum Gauges.
- 0320 Piston Rod Packing.
- 0323 Grease Guns, Nipples and Cups.
- 0325 Super Heater element complete or parts. (Torpedo ends).
- 0327 Thermic Siphon and Parts.
- 0328 Fire Box including compulsion chamber, Tube and Wrapper Plates.
- 0333 Asbestos mattresses, Asbestos Packing etc.
- 0336 Lubricator Pads.
- 0339 Valves, Valve Gears and their parts.
- 0379 Sophisticated and high precision spares for Steam Locos not other wise classified.
- 0380 Rail mounted stream crane parts not otherwise classified.

10 - ITEMS PECULIAR TO DIESEL LOCOS

- 1005 Engine Block and main base and generator support.
- 1008 Cylinder liners.
- 1009 Piston, Piston rings wrist pins.
- 1010 Cylinder heat / valve lever assemblies and sub-assemblies.
- 1011 Inlet and Exhaust valves, valve sheet insert and valve guides, push rods, fuel pump support fulcrums, cam rollers spring seat an valve locks.
- 1015 Crank / Camshafts 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 bearings and Bushings.
- 1024 Shines.
- 1025 Fuel injection system (Imported MICO).
- 1027 Valves for lube. Oil and Fuel oil System.
- 1029 Governors and Governor Drives including mounting and linkage.
- 1031 Over speed trip assembly and acceleration control devices.
- 1033 Vibration Damper, Clutch Plates.
- 1035 Garden Shafts/Propeller Shafts.
- 1037 Sock Filters, Paper Filters, Oil bath filters and strainers.
- 1039 Water Pump, Lube. Oil Pump, Fuel Pump and Spares, Blowers, Crank, Cast exhausters.
- 1041 Snobbery Valve assembly.
- 1043 Air pressure control valves.
- 1044 Tachometer generator assembly.
- 1045 Elbows, bends and fuel oil piping.
- 1047 Gasket metallic 'O' rings and Oil seals.
- 1049 Sophisticated and high precision spares for diesel locos, not otherwise classified.
- 1080 Rubber parts for diesel locos.
- 1081 Speedometer other than V.D.O.

11- ITEMS PECULIAR TO VEHICLE AND CHASIS OF DIESEL LOCOS.

- 1105 Hydraulic and Hydro Mechanical Transmission and spares.
- 1110 Vulcan Couplings, fluid couplings and gear typo couplings.
- 1113 Air compressor, Vacuum exhauster, expresser and spares.
- 1115 Air Brake and vigilance control and spares Auto brake valve independent brake valve, selector valve pilot air valve air reservoirs.
- 1117 Air Compressor Governor.
- 1119 Radiator fan, Eddy current clutch and spares.
- 1121 Air Horns.
- 1123 Sand conveyors and allied equipments.
- 1125 Window Wiper assembly with motor components.
- 1126 Insulated metallic fittings such as and bushes terminal strips, handless etc.
- 1127 Sun visor assembly.
- 1129 Sliding window and components, door latch and door lock assembly.
- 1135 Speed recorder and allied equipment.
- 1139 Valves Sunder control, Horn operating safety auto grains pressure regularizing and needle valve, fuel flow valves check, double check and glove valves.
- 1141 Cocks Angle Cock, combined cut out cock and strainer three way cock, drain and cut out cocks.
- 1143 Traction Motor Blower, Air duct boot and allied assembly.

- 1179 Other sophisticated and high pressure spares for Diesel Locomotives not otherwise included in any of the serialized trade groups.
- 1180 Grease and Oil nipples.
- 1181 Bus bars Spares

**23- ITEMS PECULIAR TO ELECTRICAL LOCOMOTIVES & EMUS AND
ELECTRICAL PORTION OF DIESEL LOCOMOTIVES**

- 2305 Pantograph and its components.
- 2310 Master controller and parts.
- 2315 Dynamic and regenerative braking equipments.
- 2320 Voltage regulator 'E' type control equipments, excitation and transmission control panel.
- 2323 Frequency regulator.
- 2326 All protective relays like circuit breakers, current balance relay, overload relay etc.
- 2329 All E.P. contractors.
- 2332 Arno converters and Spares
- 2335 Shunts.
- 2338 Silicon and Selenium rectifiers and Parts.
- 2343 Resistors.
- 2345 Top Changers and parts.
- 2347 Smothering reactors and rectifiers.
- 2349 H.R.C. Fuses (High rupture capacity).
- 2351 Certain types of T.M.S. used on WCM type locomotives and TAO-659.
- 2353 Static Battery chargers.
- 2355 Transformers (Power and control).
- 2356 Receptacles and control jumpers.
- 2357 Motor Alternator and motor Generator sets and spares.
- 2379 Sophisticated and high precision spares for electric locomotives and EMUs not otherwise classified.
- 2380 Erma to couplings.
- 2381 Exhauster and vacuum brake equipment and spares.
- 2382 Speedometer other than V.D.O.
- 2383 Gaskets.
- 2384 Grease and oil nipples.
- 2385 Filter and filter socks.
- 2386 Blowers and their parts and fittings.
- 2387 Cooling equipment and parts.
- 2388 All types of compressors and their spares.
- 2389 Air breaks equipments and spares.
- 2390 Capacitors.
- 2391 Contacts and contact pipes for relays and contractors.
- 2392 Two ways and parts.

30- ITEMS PECULIAR TO COACHING STOCK / WAGONS

- 3005 Central Buffer couplers, draft gear and buffer assemblies.
- 3008 Shack type couplers (for EMU's).
- 3010 Screw couplings for all types.
- 3013 Vacuum brake fittings such as cylinders, DA valves, alarm valves, release valve etc. piston rods etc.
- 3017 Hose pipe siphon, packing and rolling rings etc.
- 3020 Stock adjusters.
- 3024 Empty load box.
- 3028 Shock absorbers.
- 3030 Silent blocks.
- 3033 Vestibules.
- 3036 Window shutters and doors.
- 3039 Roof water tanks.
- 3042 Stainless steel fittings for C & W stock.
- 3044 Commodes.
- 3047 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 equipments and spares.

40 - CABLES, CONDUCTORS, TRANSMISSION MATERIALS

4005 Cables insulated VIR, PVC, PILC, etc.
4010 Cables insulated aluminum sheathed for signaling.
4015 Cables polychloroprene for wiring of diesel / electrical locos and EMUs.
4020 Aluminum Conductor steel reinforced.
4025 Conductors wire base for electrical purposes.
4030 Conductors copper other than wires.
4035 Wire winding super enameled cotton covered.
4040 Resistance, fuse wires, etc.

41 - INSULATORS AND INSULATING MATERIALS

4105 Sheets, rods, black, etc. synthetic resin bonded lamination.
4115 Ebonite sheets, blocks etc.
4120 Vulcanized fiber sheets, special resister panels, rods, blocks, etc.
4125 All types of insulating materials such as paper, black tape, cotton tape fiber, glass wood, asbestos, ebonite, mica sleeves
etc.
4130 Glass mica and silicon tapes of Class 'F' and above insulation.
4135 Porcelain insulators for low voltage.
4140 Porcelain insulators for high voltage.
4145 Insulating varnishes, compounds and oils.
4150 PTFE/Teflon sheets and insulators.
4155 Porcelain tubes, blocks, cleats and connectors.

42- GENERAL ELECTRICAL FITTINGS

4205 Switchgear for high voltage.
4206 Switches of all types including switches special rotary and toggle types, push button, low water alarm switches,
temperature switches, pressure switches etc.
4210 Fans, home service / train service, air-circulators exhaust blower, etc. including regulators.
4213 Conduit pipes, flexible metallic tubes etc.
4216 Electrical lamps of sorts and sizes including fluorescent lamps, mercury vapor lamps etc.
4219 Electrical Flood Light Lamps, fittings and accessories other than carriage lamp fittings.
4223 Neon Signs.
4226 Bowl glass, lenses of sorts.
4229 Wire terminals, cable lugs, connections and allied terminal fittings.
4230 Code markers for cables.
4232 Battens, casing boards wooden plugs, sand plugs etc.
4235 Adaptors, cookers and plugs of different varieties.
4238 Clips.
4242 Shades and shade parts.
4280 Holders of sorts cut outs.
4281 Fuses and fuse fittings.

43- ELECTRICAL MEASURING INSTRUMENTS AND APPLIANCES & COMPONENTS

4305 Electrical measuring instruments voltmeters, Ammeters, Muggers, patent ion meters, galvanometers, ohm meters, watt
meters, thermocouples etc.
4310 Flaw detectors Ultrasonic, Magn-flux radiography charts for recording instruments.
4315 Appliances for ventilation, air conditioners, refrigerators, air conditioning plant and spares room heaters water heaters,
water coolers and their spares.
4320 All electrical household appliances and spares.
4325 Torches and other appliances for lighting.
4380 Pressure Measuring instruments.
4381 Temperature Measuring instruments.

45 - CELLS ALL TYPES TRAIN LIGHTING ITEMS OF SPECIAL NATURE AND ELECTRICAL AMMENITIES FOR PASSENGERS.

4505 Steam turbo generator and spares.
4508 Engine head light equipments and spares.
4512 Dynamo, driving gear and switchgear.
4513 Spares for above (4512).
4520 Cells dry for torches and other instruments.
4522 Cells dry for telegraph and telephone circuit.
4524 Cells lead acid for train lighting engine starting and stationery cells.

- 4525 Cells connectors.
- 4528 Air conditioning equipments and spare parts pertaining to rolling stock only.
- 4532 Rectifiers, Electrical couplers and their spares parts pertaining to rolling stock only.
- 4535 Sophisticated and high precision spares for the above (4532).
- 4579 T.I. fittings and spares not included elsewhere.
- 4580 T. L. Switch gear and parts.
- 4581 T.L. Lamps and lamps used in locomotives including headlight and indication lamps.
- 4582 T.L. fans and components.

46 - ELECTRIC SUB-STATION TRANSMISSION & DISTRIBUTIONS EQUIPMENTS

- 4605 Sub-Station and track sectioning equipments.
- 4606 Spares for sub-station equipments.
- 4609 Rectifiers and spares.
- 4612 Isolators and spares.
- 4615 Circuit breakers and switchgears.
- 4618 Lightning arrestors.
- 4620 All types of electrical and signaling relays.
- 4625 Fabricated galvanizes structures for masts.
- 4629 Overhead electric equipments for traction.
- 4633 Grooved contract wire and centenary wire for OHE.
- 4637 Shackles, thimbles and other straining equipments.
- 4642 Miscellaneous fittings for OHE.
- 4680 Dividing Boxes.
- 4681 Connectors and contractors.
- 4682 Sleeves and sockets.
- 4683 Distribution Switch Boards.
- 4684 Termination assembly.

47 - ELECTRIC MACHINERY AND PARTS

- 4705 Motor, Generators, starters, convertors for various type and sizes.
- 4706 Traction motors and generators and their accessories exclusive for Diesel Elect. AC/DC Locos and EMU Stock.
- 4710 Carbon brushes for traction motors and generators.
- 4712 Carbon brushes for other applications.
- 4716 Transformers of various types and sizes.
- 4720 Battery chargers and rectifiers.
- 4724 Electric control panels.
- 4728 Electroplating, phosphate plant and equipments.
- 4732 Lifts, Escalators electric and accessories.
- 4735 Electric pumping sets.
- 4738 Electric Oven and furnaces.
- 4742 Electric machineries (Not included elsewhere).
- 4780 Condensers and capacitors.
- 4781 Resistance and Regulators.
- 4782 Starters and Switches.
- 4783 Electronic control equipment and apparatus.

50 - TELEGRAPH 7 TELEPHONE EQUIPMENTS

- 5005 Telegraph equipments and spares.
- 5006 Telephone equipments and spares.
- 5010 Telephone exchange and spares including Traffic Control equipment and spares.
- 5014 Tele printer equipments and spares.
- 5018 Loud speakers, Microphones, amplifiers and allied equipment and spares.
- 5022 Train passing apparatus and spares.
- 5026 Bells, Bell pushes and buzzers.
- 5080 Feed resistance, lighting arrestors.
- 5081 Fuses.
- 5082 Lighting arrestor.
- 5083 Eliminators Battery and their parts.
- 5085 Meters and Testing equipments.

52 - WIRELESS EQUIPMENTS INCLUDING ELECTRONIC COMPONENTS AND SPARES FOR COMMUNICATION.

- 5205 Wireless equipments and spares.
- 5210 Microwave equipments and spares.

- 5215 Electronic computing equipments and calculators.
- 5220 Radios and accessories.
- 5225 Television sets and spares.
- 5230 Tape recorders and magnetic tape and cassette.
- 5279 Other sophisticated electronic equipments and spares.
- 5280 Lamps dial pilots indicating etc. and accessories.
- 5281 Capacitors.
- 5282 Fuses and Fuse Holders.
- 5283 Resistances.
- 5284 Sockets.
- 5286 Valves.
- 5287 Wire.
- 5288 Transistors diodes & triodes.

54- MECHANICAL SIGNALLING AND INTERLOCKING EQUIPMENTS NOT COVERED BY OTHER GROUPS

- 5410 Interlocking frames, their parts and fittings, cranks, compensators, etc.
- 5415 Signal arm, spectacles, clips, ridings, rollers etc.
- 5418 Lenses and roundels for signals.
- 5422 Barriers, Lifting gates etc.
- 5426 Signal poles tubular and lattice.
- 5430 Signal Poles (RCC).

56 - ELECTRICAL SIGNALLING & INTERLOCKING EQUIPMENTS

- 5608 Signal machines electric.
- 5613 Block instruments and spares.
- 5618 Control frames and cabin fittings, Electrical circuit controllers, Reversers, Signal route indicating, signals colour light multi unit type searchlight type etc.
- 5620 Signal route indicators, signals colour light multi unit type searchlight type etc.
- 5622 Shunt signals.
- 5679 Electrical signaling equipment and spares not otherwise classified.
- 5680 Hoops and pouches - Token delivery and pick up apparatus.

60- PERMANENT WAY AND BRIDGE WORK

- 6005 Rails.
- 6006 Crossing and Switches.
- 6009 Tie bars, Fish plates and tie plates.
- 6012 Fish bolts Nuts, Keys and Fastenings.
- 6015 Steel Sleepers.
- 6017 C.I. Sleepers and Chairs.
- 6019 R.C.C. Sleepers.
- 6021 Wooden Sleepers.
- 6025 Track tools exclusively used for permanent way work.
- 6029 Complete bridge grinders.
- 6032 Track machines and spares.
- 6035 Dip lorry, push trolley, motor trolley complete.
- 6038 Welded wheels for trolleys.
- 6042 Hydraulic buffers at station ends.
- 6079 Sophisticated spares for track machines and equipments not otherwise clarified.

61 - BUILDING MATERIALS AND SANITARYWARES

- 6105 Cement, Lime, Sand and Bricks.
- 6108 Tiles for flooring earthward, glazed.
- 6113 Roofing materials.
- 6116 Waterproofing compound for buildings.
- 6119 Doors and windows metal.
- 6122 Tiles roofing and ridges.
- 6125 Water, Tanks, Steel of sizes.
- 6126 Water Tank R.C.C.
- 6128 Tubular structures pre fabricated.
- 6131 Collapsible Steel Gates Grills, 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 washes 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 Aluminum.
- 6156 Venetian blinds.
- 6158 Stone Ballast different sizes.
- 6179 Special items not listed elsewhere.

62 - PIPES 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 Pippins for diesel locos.
- 6228 Pipes seam less and ERW.
- 6231 Boiler tubes, flute tubes and element tubes.
- 6235 P.V.C. Pipes, flexible and rigid and Teflon pipes.
- 6238 Valves and cocks of sprits and size.
- 6245 Meters flow and water.
- 6280 Asbestos Tips.
- 6281 Water Meters.

65 - PLANT AND MACHINERY INCLUDING COMPLETE UNIT

- 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.
- 6512 Mobile cranes Diesel or otherwise powered and spares.
- 6514 Stationary boilers, steam cranes, Turboilers and spares.
- 6516 Road rollers, concrete mixers and other engineering plant and machines.
- 6525 Pneumatic hammers, shearing brake press, punching bolts and nuts forging machines pigmy etc.
- 6528 Machine tools powered by electricity.
- 6530 Pedestal grinders.
- 6532 Weighing machines and spares.
- 6534 Prime movers and spares (Diesel) and oil engines and spares.
- 6540 Pneumatic tools and machines.
- 6542 Earth moving equipments, bull dozer, etc.
- 6544 Blasting equipments.
- 6546 Pile driving equipments.
- 6548 Pulley blocks, whickers and other pulling and Mooting appliances.
- 6550 Metal spraying equipments.
- 6552 Furnaces, Oil fired of various sizes.
- 6554 Water treatment plant.
- 6556 Spray painting equipments.
- 6557 Machines, pregnant of all types and spares.
- 6558 Compassing machines, binding machines etc.
- 6559 Machinery for cloth cutting hand/power operated etc.
- 6579 Other machinery and plant and spares not otherwise classified.
- 6582 Wood working machines and spares.
- 6584 Centrifugal coil spring machines and spares.

67 - ROAD MOTORS, AUTO TRUCKS, MATERIAL HINDING EQUIPMENT AND SPARES

- 6705 Complete trucks, Lorrie's cars or other road vehicles.
- 6707 Petrol and Diesel powered engines and spares for cars, trucks and Lorries.
- 6712 Tyres and tubes.
- 6713 Battery.
- 6717 Lister, Jumbo Auto trucks and their spares including engines.

- 6719 Battery operated Auto trucks and spares.
- 6722 Fork lifts and spares.
- 6727 Bicycles and spares.
- 6732 Material handling equipment different types and their spares.
- 6735 Carts, Trolleys, Wheel Borrows etc. hand operated.
- 6738 Lawn Mowers.
- 6742 Jacks, Hydraulic and screw.
- 6748 Conveyers belt, roller chain etc.
- 6759 Automobile spares of all sorts.

70 - ABRASIVES

- 7005 Grindings wheels of various types, size and shape.
- 7010 Coated abrasive on paper / cloth.
- 7015 Abrasive paste.
- 7020 Abrasive powder.

71- BRUSHES, BRUSHWARE, BASKETS AND BAMBOO PRODUCTS

- 7105 Brushes, Painters.
- 7107 Brushes, Lettering.
- 7110 Brushes, wire.
- 7115 Brushes, other types.
- 7120 Brooms.
- 7125 Cane, cane baskets and other cane products.
- 7130 Baskets, Bamboo handles, lathes, ladders and other articles.

72 - TOOL ACCESSORIES COMPONENTS AND INSTRUMENTS

- 7205 Hand tools, via Hammers, spanners, wrenches drifts, punches and chisels.
- 7211 Files of different sizes and varieties.
- 7215 Carpenters 'Tools'.
- 7218 Screw drivers, pliers of different types and sizes, insulated or otherwise.
- 7221 Smithy, foundry and masonry tools.
- 7224 HSS Tools drill, Reamers, Tape, dia chasers sockets and Milling Cutters 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 Pick successes, powders, shovels etc.
- 7243 Forge portable.
- 7245 Bellows smith.
- 7246 Diamond tipped tools.
- 7248 Measuring, Weights and volume.
- 7250 Scales, Weighing.
- 7252 Tapes, Measuring Metallic Steel.
- 7254 Handles Wooden.
- 7257 Instruments Surgery.
- 7258 Measuring Instruments (Non Electrical).
- 7279 Special tools not covered elsewhere in to this book.
- 7280 Sleeves and Sockets.

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 (Galvanized Iron).
- 7309 Bolts, Nuts, Rivets, Studs, Screws all types and sizes. (Cadmium, Chromium, Nickel etc. plated)
- 7311 -do- (Non Ferrous)
- 7313 -do- (Involving special raw materials etc.)
(Such as may be needed for diesel electric Locos).
- 7315 Screws wood etc. of all types.
- 7318 Washers, of all types and sizes ferrous and non-ferrous.
- 7321 Washers, Circles etc. of spring steel.
- 7325 Pins, Panel, Cutters, Split cheaters, split taper solid taper.
- 7330 Wire Nails of all types. (Ferrous and non-ferrous).
- 7335 Tacks plain and covered.
- 7379 Miscellaneous or special type fastener not otherwise classified.

74 - HARDWARE (OTHER THAN FASTENERS) WIRE ROPES / CHAINS AND ALLIED FITTING OIL PUMPS ETC

- 7405 Steel wire ropes lifting, hoisting general purposes and signaling.
- 7408 Chains of all types and sizes.
- 7411 Buckets, Cans and drums, tin cases, feeders, Oil, kettles, Pens, Ports (Ferrous).
- 7414 - do - (Non-ferrous).
- 7417 - do - (Non-Metallic).
- 7420 Fasteners Bolts, Lacing steel for Bolts type etc. and hose clips.
- 7424 Lamps Oil and spares, Lamps Blue and spares, Pressure Lamps stores and spares.
- 7428 Wicks for lamps, tapes for sealing; Newer for coats, etc.
- 7432 Glass chimneys for Lamps, Gloves fur light fittings etc.
- 7436 Builders, Hardware (Ferrous and non-ferrous) like tower bolt, latches, hinges, locks etc.
- 7440 Expanded metal wire mash weld mesh.
- 7480 Chain Pulley Block.
- 7481 Shovels.

75- RUBBER, LEATHER, CANVAS, PLASTIC, FLOORING AND KINDRED MATERIALS

- 7505 Rubber and rubber products, Foam, Rubber, Rubber Gloves, Rubber sheets, Rubber tubing.
- 7510 Leather and leather goods, apron, gauntlets, washers, leather buckets, bellows, cash bags, suitcases, brief cases etc.
- 7515 Canvas and canvas goods, including tarpaulins, apron gauntlets, rain coats, etc.
- 7520 Plastics, Linoleum, Rexene and other coated products.
- 7525 Coir, Jute Manilas and other vegetable fibers and their products.
- 7530 Synthetic fitters and their products including Nylon ropes.
- 7535 Hose of types sizes including rubber PVC armored etc.
- 7538 Hose of various sizes canvas and flax, braided wyvern etc.
- 7541 Metallic flexible house.
- 7544 Belts, leather of type and sizes.
- 7546 Belts, Canvas of sizes.
- 7548 Belts, Rubber and Rubber Impregnated of types and sizes.
- 7550 Gaskets rubber synthetic material.
- 7552 Felt and Felt products.
- 7554 Hessian and its products.
- 7555 Canvas and Canvas Goods including tarpaulin apron gauntlets, Rail Coats etc.
- 7556
- 7557 Flooring composition and crystals etc. flooring tiles, sheets etc.
- 7580 Carriage and wagon roofing.

76 - ELECTRODES CUTTING AND WELDING ACCESSORIES AND ELECTRICAL OXYACETYLENE

- 7605 Electrodes and fluxes (Arc welding ferrous and non-ferrous).
- 7610 Welding rods Gas Welding (Ferrous & Non-ferrous).
- 7615 Electrodes 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.
- 7640 Welders protective equipments for dyes, face, head etc.
- 7645 Electrodes, Graphite (for furnace).

77 - PAINTS, VERNISHES AND ENAMELS INCLUDING PAINTERS OIL

- 7704 Paints Primer.
- 7706 Paints for all varieties ordinary type.
- 7708 Paints for all varieties enamel type.
- 7709 Bituminous paints.
- 7710 Paints Acids, Alkali and Heat Resisting.
- 7712 Stove enameling paints.
- 7715 Spray Paints (Special qualities).
- 7719 Special paints not covered by standard specification.
- 7720 Paints luminous.
- 7725 Pigments of all varieties and colors.
- 7728 Paint Removers.
- 7732 Special varnishes for insulating purposes.
- 7735 French polish and varnished for general use.
- 7738 Thinners and lacquers for painting and polishing Turperitine sprit Mentholated etc.
- 7741 Putties wood and model, in wet and dry form, fillers gums Resins.

- 7744 Distempers of all types.
- 7747 Linseed Oil of all varieties.
- 7780 Pastes.
- 7781 Reviver.

**78- CROCKERY, PORCELAIN, STAINLESS STEEL, BRASS,
GLASS ANAMEL WERE ETC.**

- 7805 Crockery, Porcelain, Stainless Steel, Brass, Glass enamel ware etc.
- 7808 - do - Disposable paper plastic etc.
- 7812 Cutlery.
- 7820 Utensils Non-ferrous, stainless steel etc.
- 7825 Canteen & Kitchen equipments sealing ranges hearths, stove hand trolleys etc.
- 7830 Furniture (wooden).
- 7831 Furniture Steel, including Hospital Furniture.
- 7835 Clocks and Watches of various types and sizes.
- 7843 Enameled sign towards.
- 7848 Cash Safes, Security Lockers, Cash Boxes.
- 7879 Miscellaneous items not covered elsewhere.
- 7880 Napery.
- 7881 Decorative sheet including laminator.

**79- CLOTHING / PERSONAL EQUIPMENT AND COTTON PRODUCTS LIKE CORD TWINE ROPES AND WASTER
COTTON ETC.**

- 7903 Cloth Cotton printed and plain. (Khadi).
- 7905 Cloth Cotton other than Khadi.
- 7907 Cloth Woolen.
- 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 (Woolen)
- 7917 Blankets (Woolen)
- 7920 Hosiery Cotton & Woolen.
- 7921 Bed sheets, Towels, Table Cloth, Napkins etc. of all types.
- 7922 Mosquito Cursing.
- 7927 Mattresses and pillows (Coir Cotton, foam rubber).
- 7930 Garniture items, sowing threads different quality and colors.
- 7932 Twins & Cords.
- 7935 Buttons other than Metallic.
- 7937 Buttons metallic.
- 7940 Waste Cotton.
- 7942 Yard Woolen.
- 7945 Caps with or without hood water proofing.
- 7947 Reins coats rubberized and plastic.
- 7949 Umbrella head garden and survey.
- 7950 Carpets of all materials.
- 7951 Foot wears gumboots, shoes, boots, Leather aprons etc.
- 7952 Polish boot of all colors.
- 7954 Flags banner and buntings.
- 7956 Badges metal, whistles etc.
- 7957 Badges cloth and embroidery.
- 7958 Water bottles metallic, plastic etc.
- 7959 Safar hut, fold had and woolen caps, helmet kales.
- 7980 Cotton Wash.

80- PETROLEUM AND PETROLEUM PRODUCTS

- 8005 Lubricating Oils, Greases.
- 8010 Oil Transformer.
- 8015 Oil cutting quenching.
- 8020 Fuel oil, Furnace Oil, L.P.G.
- 8025 Asphalt, Tar, Bitumen Products.
- 8030 Preservatives wood, creosote etc.
- 8035 Rust preventives and rust removers.

81- ACIDS, CHEMICALS AND CHEMICAL PRODUCTS (INCLUDING SOAPS, DISINFECTANTS INSECTICIDES AND EXPULSIVES) AND VEGETABLE OIL.

- 8105 Acids (Boric, Hydrochloride, Sulphuric etc.)
- 8108 Chemicals General
- 8111 Gases (Acetylene, Argon, Carbon-dioxide, liquid chlorine, Oxygen, Nitrogen Freon and other refrigerants.
- 8114 Soaps and Detergents, cleaning compounds.
- 8117 Tallow, Waxes, Resign etc.
- 8120 Disinfectant, deodorants and Insecticides.
- 8123 Explosive items, fog signals.
- 8126 Vegetable Oil.
- 8128 Oil, addible.
- 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 plumb age.
- 8146 Foundry Sand.
- 8147 Lime Stone, Chalk.
- 8180 Shellac.
- 8181 Cleaning compound.

82 - DRUGS PHARAMACEUTICALS HOSPITALS INSTRUMENTS AND APPLIANCES

- 8205 Drug and Pharmaceuticals.
- 8210 Bending cloth cotton absorbent etc.
- 8215 First Aid Kit Boxes.
- 8220 Medical equipments for ambulance.
- 8225 Surgical instruments and equipments.
- 8230 Hospital wares and equipments.
- 8235 X-Ray plants and other special hospital machinery.
- 8279 Sophisticated instruments and equipments required for Hospital use not otherwise classified.

83 - STATIONERY AND PHOTOGRAPHIC GOODS AND EQUIPMENTS AND LABORATORY EQUIPMENTS NOT COVERED ELSEWHERE

- 8305 Paper and cloth for tracings and drawings.
- 8308 Paper ordinary writing typing carbon and other varieties.
- 8309 Paper printing flat.
- 8310 Paper printing in reels.
- 8311 Continuous Stationery for SOP, Telex-Teleprompter and Punch cards etc. for computer.
- 8313 Toilet paper.
- 8315 Pickings items of paper cartoons, bosses, Kraft paper etc.
- 8318 Paper Board (Posts), Paper Board (Straw) Blank foolscap etc.
- 8319 Ticket Boards, blank Card tickets.
- 8325 Mathematical and drawing materials, instruments Box, Office equipments and material, T-square, Set square etc.
- 8328 Binding Materials-Gum, Dextrin, Powder, Gum etc.
- 8331 Miscellaneous stationery items like eraser rubber cello tape Signature pad, sealing Wax, paper weight pins packets, pins stately, paper clips, paper clip gem, Blotting Paper, Nipper Materials, ink, pen, pencils, nail pens, refills.
- 8334 Rubber blocks and stamps.
- 8337 Duplicating and typewriting machines, spares etc.
- 8338 Paper Ammonias, Ferro prissiest etc.
- 8340 Printing ink of all colors.
- 8343 Photographic goods and equipments, photographic films, X-ray Photographic Papers, chemicals.
- 8347 Laboratory and Scientific equipment, glass receipt class, Instruments measuring weighing etc.
- 8350 Types for composing.
- 8380 Printing press Equipment Material.

84- REFRACTORIES GLASS SUBSTITUTE ASBESTOS FIBRE AND PACKING MATERIALS.

- 8405 Fire Bricks moderate heat duty.
- 8406 Fire Bricks high heat duty.
- 8410 Titles refractory for electric furnace.
- 8413 Fire clay and mortars.

8417 Crucibles and accessories.
8421 Mirror of all sizes and types.
8424 Glass sheets toughened and laminated.
8425 Glass item (Other than those covered elsewhere).
8429 Cork Sheets.
8432 Fiber glass products.
8436 Tapes Adhesive.
8440 Adhesives Araldite, Rubber, Jointing, Solution, Fevicol.
8445 Jointing and packing materials.
8480 Mica

85 - Ball of Roller Bearing

8505 Ball bearing of all types.
8510 Thrust ball bearing single and double row.
8515 Roller bearing of all types, spherical self aligning cylindrical tape, etc. including these needed for rolling stock.
8520 Needle bearing.
8525 Bearing housing balls and roller steel for bearings.
8579 Special bearings not otherwise classified.

86 - FIRE FIGHTING EQUIPMENT

8605 Portable fire extinguishers of all types.
8610 Refills for the fire extinguishers.
8615 Fire fighting equipments complete equipped with petrol Engine pumps hoses and nozzles.
8616 Spares for the above.
8620 Fire hoses and couplings.
8625 Fire fighting buckets (sand and water).
8630 Hydrants, fire.
8635 Sirens.
8680 Marine Material and their spares.

90 - RAW MATERIAL (FERROUS)

9005 Pig iron of all grades.
9007 Ferrous scrap for melting.
9009 M.S. Channels, I Beams, Angle, Tees.
9011 M.S. Sections (Flats, Round bars, Torsteel, Squares, and Hexagonal etc.)
9013 M. S. Plates 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, steel 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.
9040 Steel Sheets grits and balls.

91- NON FERROUS METALS

9105 Non-ferrous virgin ingots for melting.
9107 Non-ferrous alloy ingots for melting.
9111 Non-ferrous scrap for melting.
9113 Non-ferrous sections.
9117 Non-ferrous bars-flats, squares, round, hexagonal, but tubes, pipes etc.
9119 Extension aluminum.
9122 Non-ferrous sheets, plates and wires.
9125 Non-ferrous suitable for springs (Phosphate, copper etc.).
9128 Lead seals.
9131 Lead Wool.
9135 Precious metals like silver, black etc.
9179 Special non-ferrous items not listed elsewhere.

92 - FUEL OTHER THAN PETROLEUM PRODUCT

9205 Coal and coke.

9215 Charcoal.

93- TIMBER

9305 Legs Teakwood.

9307 Legs Hardwood.

9315 Sawn Timber including scantlings of all types.

9320 Softwood.

9325 Plywood and vender, etc of all types.

9330 Bamboos, Bellies etc.

9379 Miscellaneous not covered elsewhere.

98 - SCRAP MERCHANTS

9805 Ferrous scrap merchants, General.

9807 Non-ferrous scrap merchants.

9810 Re-related ferrous scrap merchants.

9813 Industrial Scrap Merchants.

9816 Machinery Scrap Merchants.

9819 Turning and bearings scrap merchants.

9822 Timber scraps merchants (including shavings saw).

9824 Drums barrels merchants.

9825 Waste paper merchants.

9831 Miscellaneous scrap merchants.

9840 Auction Engineering cont, rectors.

END