

DETAILS OF MAJOR VENDOR TRADE GROUPS.

Major Group No.	Description
00	Metal Processing groups.
01	Conversion/Miscellaneous process groups.
03	Items peculiar to Steam Locos.
11	Items peculiar to Diesel Locos.
10	Items peculiar to Vehicle and Chasis of Diesel Locos.
23	Items peculiar to Electric locos and EMUs.
30	Items peculiar to Coaching stock and Wagons.
40	Cables, Conductors, Transmission materials.
41	Insulating and Insulating materials.
42	General Electrical fittings.
43	Electrical measuring instruments, Appliances and components.
45	Cells of all types, train lighting items of special natures 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 electronic components and spares for communications.
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 spares.
70	Abrasives.
71	Brushes, Brushware, Baskets and Bamboo products.
72	Tools, Accessories, Components and Instruments.
73	Hardware items, Fasteners.
74	Hardware (Other than fasteners), Wire ropes, chains and Allies fittings, Oil Lamps etc.
75	Rubber, Leather, Canvas, Plastic, Flooring and Kindred materials.
76	Electrodes, cutting and Welding accessories, Electrical and 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 Cords, Twine ropes and Waste cotton etc.
80	Petroleum and Petroleum products.
81	Acids, Chemicals and Chemicals 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	Refractories, Glass, Glass substitutes, Asbestos, Fibre and Packing materials.
85	Ball Roller Bearings.
86	Fire Fighting equipments.

90	Raw materials (Ferrous)
91	Non-ferrous metals.
92	Fuel other than Petroleum products.
93	Timber.
98	Scrap materials.

00 - Metal Processing Group

Trade Group No.	Description of items
0005	Light C.I. Castings(including machining) upto 50 Kgs.
0006	Medium C.I. Castings(including machining) upto 1000 Kgs.
0007	Heavy C.I. Castings(Including machining beyond 1000 Kgs.
0008	Spheroidal graphite cast iron, including machining.
0009	Mechanite C.I. items.
0010	Steel castings with machining upto 500 Kgs.
0011	Steel casting with machining above 500 Kgs.
0016	Malleable castings with machining.
0018	Non-ferrous casting with machining.
0020	Die castings.
0021	Forgings light with machining.
0022	Forgings medium with machining.
0023	Forgings heavy with machining.
0024	Drop stampings and off set forging.
0025	Wheels, Tyres, Axles than 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 works.
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 S.S. wire.
0047	Mangarese steel components such as liners, pines and bushes.

01 - Conversion/ Miscellaneous Process Group

Trade Group No.	Description of items
0107	Refining and Smelting of non-ferrous scraps into vergin metals and alloy ingots.
0108	Heat treatment Flame, including case handling/carburizing, metalising.
0109	Galvanizing of compone nts- Hot Dip/Electrolysis
0110	Anodising of components.
0111	Chromium plating of components, hard chromium, nicked, cadmium lead plating of components.
0112	Non-metalic coating rubber lining, Epoxy coating, Plastic Coating etc.
0115	Cutting and shearing of steel sections 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

Trade Group No.	Description of items
0305	V.D.O. Speedometer and its spares including recording charts and flexible shafts with end couplings.
0308	Sanding gears and parts.
0310	Ejectors, steam brake valves and spares.
0311	Injectors and spares.
0315	Lubricators and spares.
0316	Gauge glasses, protector glass and Bull'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	Therm c syphon and parts.
0328	Fire box including combustion chamber, tube and wrapper plates.
0333	Asbestos mattresses, asbestos packing etc.
0336	Lubricator pads.
0339	Valves, valve gears and other parts.
0379	Sophisticated and high precision spares for steam locos not otherwise classified.

10- Items Peculiar to Diesel Locos

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 insert and valve guides, push rods, Fuel pump support fulerums, cam rollers, spring seat and 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 Lub. oil cooler
1023	Bimetal and Trimetal bearings and bushings.
1024	Shims.
1025	Fuel injection system (imported MICO).
1027	Valves for lub. oil and fuel oil systems.
1029	Governors and governor drives including mounting and linkage.
1031	Over speed trip assembly and acceleration control devices.
1033	Vibration damper, clutch plates.

1035	Cardan shafts/properlor shafts
1037	Sock filters, paper filters, oil bath filter and strainers.
1039	Water pump, lub. oil pump, fuel pump and spares blowers, crank cast exhausters
1041	Snubber 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.

11- Items Peculiar to Vehicles 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, expressor and spares.
1115	Air brake and vigilance control and spares, Auto brake valves, 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	Windows wiper assembly with motor components.
1126	Insulated metallic fittings such as end bushes terminal strips, handles etc.
1127	Sunvisor assembly.
1129	Sliding window and components, door latch and door lock assembly.
1135	Speed recorder and allied equipment.
1139	Valves- Sandor control, Hora operating safe, Auto drains pressure regularizing and needle valves, Fuel—Flow -valves check, double check and globe 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 precision spares for diesel locos not otherwise included in any of the serialized trade groups.

23- Items Peculiar to Elec Locos. EMUs and Electrical Portion of Diesel Locos.

2305	Pantograph and its components.
2310	Master controller and parts.
2315	Dynamic and regenerative brake equipments.
2320	Voltage regulation, 'E' type control equipments, Exc itation and transition control panels.
2323	Frequency regulators.
2326	All protective relays like circuit breakers, current balance relay, over load relay etc.
2329	All E.P. Contractors.
2332	Arao Convertor and spares.
2335	Shunts.
2338	Silicon and selenium rectifies and parts.
2343	Resisters.

2345	Tap 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 Locos and TAO 659.
2353	Static battery chargers.
2355	Transformers
2356	Receptacles and control jumpers.
2357	Motor alternator and motor generator sets and spares.
2379	Sophisticated and high precision spares for electric locos and EMUs not otherwise classified.

30—Items Peculiar to Coaching Stock and Wagons.

Trade Group No.	Description of items
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, D.A valves, alarm valves, release valves etc. Piston rods etc.
3017	Hose pipe siphon, packing and rolling rings etc.
3020	Slack 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 Pelleys.
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 aluminium sheathed for signaling.
4015	Cables polychoroprene for wiring of diesel/elec. Locos and UMUs.
4020	Aluminium conductor steel reinforced.
4025	Conductors wire bare 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, blocks etc. synthetic resin bonded laminated.
4115	Ebonite sheets, blocks etc.
4120	Vulcanised fibre sheets, spl., resister panels, rods, blocks etc.
4125	All types of insulating materials such as paper, black tape, cotton tape, fibre, glasswool, asbestos bonite, mica, sleeves. Etc.

41—Insulators and Insulating Materials. (Contd.)

4130	Glasses mica and silicon tapes of Class 'F' and above insulation.
4135	Porcelain insulator for low voltage.
4040	Porcelain insulator for high voltage.
4145	Insulating varnishes, compounds and oils.
4150	PTFF/Teiflon shocks and insulators.
4155	Porcelain tubes, blocks, cleats and contactors.

42—General Electrical Fittings.

4205	Switchgears for high voltage.
4206	Switches for all types including switches, rotary and toggle types, pushbutton, low water, alarm switches, temperature switches, pressure switches, etc.
4210	Fans, home service/train service, air circulators exhaust blowers etc. including regulators.
4213	Corduit pipes, flexible metallic tubes etc.
4216	Electrical lamps of sorts and sizes including flourscent lamps, mercury, vapour lamps etc.
4319	Electrical floodlight lamps, fittings and accessories other than carriage lamps 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 board, wooden plugs, rawl plugs.
4235	Adaptors, sockets and plugs of different variety.
4238	Clips.
4242	Shades and shade parts.

43—Electrical Measuring Instruments and Appliances and Components.

4305	Electrical measuring instruments—Voltmeters, Ammeters, Meggers, Potertio meters, galvaro meter, ohm meter, watt meters, thermocouples, etc.
4310	Flaw detectors—Ultrasonic, Magraflax radiography charts for recording instruments.
4315	Appliances for ventilator, 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.

45 Cells all type Train Lighting items of special nature and electrical amenities of passengers.

4505	Steam turbo generators and spares.
4508	Engine head light equipments and spares.
4512	Dynamo, driving gear and switchgear.
4513	Spares for the above.
4520	Cells dry for torches and other instruments.
4522	Cells dry for telegraph and telephone circuits.
4524	Cells lead acid for train lighting, engine starting and stationary cells.
4525	Cell connectors.
4528	Air conditioning equipments and spare parts pertaining to rolling stock only.
4532	Rectifiers, electrical couplers and their spare parts pertaining to rolling stock only.
4535	Sophisticated and high precision spares for the above.
4579	T.L. fittings and spares not included elsewhere.

46 Electric substation transmission and distributions equipments.

4605	Substation and track sectioning equipments.
4606	Spares for substation equipments.
4609	Rectifiers and spares.
4612	Isolators and spares.
4615	Circuit breakers, and switchgears.
4615	-----do-----
4618	Lighting arrestors.

46 Electric substation transmission and distributions equipments. (Contd)

4620	All types of electrical and signaling relays.
4625	Fabricated galvanized structures for masts.
4629	Overhead electric equipments for traction.
4633	Grooved contact wire and catenary wire for O.H.E.
4637	Shackles thimbles and other starting equipments.
4642	Misc. fittings for O.H.E.

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 elec. 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, Phosphating plant and equipments.
4732	Lifts, escalators electric and accessories.
4735	Electric pumping sets.
4738	Electric oven and furnaces.
4742	Electric machineries (Not included elsewhere).

50 Telegraph and Telephone Equipments.

5005	Telegraph equipments and spares.
5006	Telephone equipments and spares.
5010	Telephone exchange and spares including traffic control equipment and spares.
5014	Teleprinter equipments and spares.
5018	Loud speakers, Microphones, amplifiers and allied equipments and spares.
5022	Train passing apparatus and spares.
5026	Bells, bell pushes and buzzers.

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.
5225	Television sets and spares.
5230	Tape recorders and magnetic tape and cassetts.
5279	Other sophisticated electronic equipments and spares.

54 Mechanical signaling and Interlocking equipments not covered by other groups.

5410	Interlocking frame, their parts and fittings, cranks compensators etc.
5415	Signal arm, spectacles, clips, roddings, 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 signaling and Interlocking equipments.

5608	Signal machines electric.
5613	Block instruments and spares.
5618	Control frames and cabin fittings, Electrical circuit controllers, reversers, signal route indicators signals colour light multi unit type, search- light type etc.
5622	Shunt signals.
5679	Electrical signaling equipment and spares not otherwise classified.

60-Permanent way and Bridge works.

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	G.I. Sleepers and chairs.
6019	R.C.C. sleepers
6021	Wooden sleepers.
6025	Track tools exclusively used for permanent way works.
6029	Complete bridge girders.
6032	Track machine 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 classified.

61 - Building Materials and sanitary wares

6105	Cement, lime, sand and bricks.
6108	Tiles for flooring, earthen ware, 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 tans, 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 asbesators, Trafford sheets, ridges, etc.
6142	Bitumen washers and limpet washers.
6145	Pane dust, pans latrine, grums, C.I. boxes.
6148	Water columns and fittings.
6151	Yard enclosing materials.
6154	Ladders, wooden steel and aluminium.
6156	Benetaim blinds.
6158	Stone ballast different sizes.
6179	Special items not listed elsewhere.

62 - Pipes and Pipes 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 ERW.
6231	Boiler tubes, flue tubes and element tube.
6235	PVC pipes flexible and rigid and Teflon pipes.
6238	Valves and cocks of sorts and sizes.
6241	Meters flow and water.

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 spres.
6510	Overhead cranes and spres.

6512	Mobile cranes, diesel or otherwise poered and spres.
6514	Staionery boilers, steam crares, tarboilers and spares.
6516	Road rollers, concrete mixers and other engineering plant and machine.
6525	Pneumatic hammers, shearing, brake press, punching, bots and muts forging machine etc.
6528	Machine tools powered by electricity.
6530	Pedestal grinders.
6532	Weighing machine and spares.
6534	Prime movers and spares (Diesel and oil engines and spares).
6540	Pneumatic tools and machine.
6542	Earth moving equipments, bull dozer etc.
6544	Blasting equipments.
6546	Pile driving equipments.
6548	Pulley blocks, winches and other pulling and hoiting appliance.
6550	Metal spraying equipments.
6552	Furnaces oil fuel of various sizes.
6554	Water treatment plant.
6556	Spray painting equipments.
6557	Machines, printing of all types and spares.
6558	Composing machines, binding machines etc
6559	Machinery for cloth cutting hard/power operated etc.
6579	Other machinery and plant and spares not otherwise classified.

67- Road motors, auto trucks, material handling equipments and spares.

6705	Complete trucks, lotrics, cars of other road vehicles.
6707	Petrol and diesel powered engines and spares for cars, trucks and lorries
6712	Tyres and tubes.
6717	Lister, jumbo auto trucks and their spares including engines.
6719	Battery operated auto trucks and spares.
6722	Fork lifts and spares.
6727	Bicyeles and spares.
6732	Material handling equipment- different types and their spares.
6735	Carts, trolleys, wheel barrows, 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	Grinding wheels of various types, sizes and shapes.
7010	Coated abrasives 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 article.

72- Tools accessories components and instruments.

7205	Hand tools Viz. hammers spanners wrenches drifts punches and chisels.
7211	Files of different sizes and varieties.
7215	Carpenter tools.
7218	Screw drivers, pliers of different types and sizes insulated or otherwise.
7221	Smithy, foundry and masonry tools.
7224	HSS tools-drills, reamers, taps, die-chasers sockets and milling cutters of different varieties and sizes.
7227	Hand saw of all types sizes.
7230	Blades, and saws of all types/sizes.
7233	Cemented carbide tipped tools.
7238	Pickaxes, pokers, shovels etc.
7243	Forges portable.
7345	Bellows smith.
7246	Diamond-tipped tools,
7248	Measures, weights and volume.
7250	Scales, weighing.
7252	Tapes, measuring metallic, steel.
7354	Handles wooden.
7257	Instruments survey.
7258	Measuring instruments (non-electrical)
7279	Special tools, not covered elsewhere in this book.

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	-----do-----and sizes (Cadmium chromium nickel etc plated).
7311	-----do-----and sizes (Non-ferrous).
7313	-----do-----and sizes (involving special raw materials/tolerances 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	Washer circlips, etc of spring steel.
7325	Pins-panel, cotters, split 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

7405	Steel wire ropes-lifting, hoisting general purposes and signaling.
7408	Chains of all types and sizes.
7411	Buckets can sand drums tin cases feeders oil, Kettles, pans pots (ferrous).
7414	Buckets, cans and drums tin cases reeders oil, kettles, pans, pots (non-ferrous).

7417	Buckets, cans and drums, tin cases feeders oil kettles, pans pots (Non metallic)
7420	Fasteners 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 sealing newar for cots etc.
7432	Glass chimneys for lamps globes for light fittings.
7436	Builders hardware (ferrous and non-ferrous) like tower bolt latches hinges locks etc.
7440	Expanded metal wire mesh weld mesh.

75- Rubber, Leather, Canvas, Plastic, Flooring and Kindred Materials

7505	Rubber and rubber products- foam rubber, rubber, gloves, rubbers sheets, rubber tubings.
7510	Leather and leather goods, apron, gunlets, washer leather buckets leather bellow cash bags suit cased brief cases etc.
7515	Canvas and goods, including tarpaulin apron gunlets raincoats etc.

75- Rubber, Leather, Canvas, Plastic, Flooring and Kindred Materials (Contents)

7520	Plastics, linoleum, rexine and other coated products.
7525	Coir jute manila and other vegetable fibres and their products.
7530	Synthetic fibers and products including nylon ropes.
7535	Hoses of types and sizes including rubber, PVC 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	Belt rubber and rubber impregnated of types and sizes.
7550	Gaskets rubber of synthetic material
7552	Felt and felt products.
7554	Hessian and its products.
7556	Special rubber and plastic components including bonded sandwiched material weather stripes etc. exclusively required for diesel and electric locos.
7557	Flooring composition and crystals, etc, flooring files sheets etc.

76- Electrodes cutting and welding accessories and electrical oxyacetylene

7605	Electrodes and fluxes (Aic welding ferrous and non-ferrous).
7610	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.
7640	Welders protective equipments for eyes, face head etc.
7645	Electrodes graphite for furnaces.

77- Paints, varnishes and enamels including painter oils

7704	Paints- primer.
7706	Paints of all varieties ordinary type.
7708	-----do-----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	Paints removers.
7732	Special varnish for insulating purposes.
7735	French polish and varnishes for general use.
7738	Thinners and lacquers for painting and polishing, turpentine ,spirit methylated etc.
7741	Putties-wood and metal, in wet and dry forms, fillers gums, resins.
7744	Distempers of all types.
7747	Linseed oil of all varieties.

78- Crockery, cutlery, Napery, kitchen and tableware furniture and other equipments including clocks watches etc.

7805	Crockery, Potcelain, stainless steel brass glass enamelware etc.
7808	-----do-----Disposable paper plastic etc.
7812	Cutlery.
7820	Utensils, non-ferrous, stainless steel etc.
7825	Canteen and kitchen equipments, cooking ranges, hearths stoves hand trolleys etc.
7830	Furniture (Wooden).
7831	Furniture steel, including hospital furniture.

78 Crockery, cutlery, napery, kitchen and tableware furniture and other equipments including clocks, watches etc (Conts)

7885	Clocks and watches of various types and sizes,.
7843	Enamelled sign boards.
7846	Cash safes, security lockers, cash boxes.
7879	Miscellaneous items not covered elsewhere.

79 – Cloth clothing and personal equipments and cotton products like cord twine ropes and waste 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 and woolen.
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-diflerent quality and colours.
7932	Twines and cords.
7935	Bultors other than metallic.
7937	Buttons metailic.
7940	Waste cotton.
7942	Yarn woolen.
7945	Capes with or without hood-water proofing.
7947	Rain coats rubberized and plastic.
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 buttings.
7956	Badges metal, wistles etc.
7957	Badges cloth and embroidery.
7958	Water bottles metallic plastic etc.
7959	Solar hat felt hat and woolen caps helmet kullahs.

80 –Petroleum and petroleum products.

8005	Lubricating oils greases
8010	Oil transformer
8915	Oil cutting quenching.
8020	Fuel oil furnace oil LPG
8025	Ashphalt tar bitumen products.
8030	Preservatives code creosote etc.
8035	Rust preventives and rust removes.

81- Acids, Chemicals and chemicals products (Including soaps, disinfectants, insecticides and explosives) and vegetable oil.

8105	Acid (Borie, Hydrochloric, sulphuric etc)
8108	Chemicals general.
8111	Gases (Acetylence, Argoan, carbon- dioxide, liquid chlorine, oxygen nitrogen, Freon and other refrigerants.
8114	Soaps and detergents cleaning compounds.
8117	Tallow waxes rosin etc.
8120	Disiafectants deodarants and insecticides.
8123	Explosive items fog signals.

81- Acids, Chemicals and chemicals products (Including soaps, disinfectants, insecticides and explosives) and vegetable oil. (Contd)

8126	Vegetable oil.
8128	Oils edible.
8131	Chemicals for electroplating and case hardening.
8132	Chemicals for water softening.

8133	Cheicals for foundry use (Other than foundry sand)
8134	Calcium carbide.
8137	Napthalene.
8140	Metal polish in liquid, paste and powder form.
8143	G aphite and plumbago.
8146	Foundry sand
8149	Lime stone chalk.

82 Drugs pharmaceuticals hospital instruments and appliances.

8205	Drugs and pharmaceuticals.
8210	Bandaging 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	Sophisticateo 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 carob and other varieties .
8309	Paper printing flat.
8310	Paper printing in reels.
8311	Continuous stationery for EDP. Telex/Teleprinter and punch cards, etc, for computer .
8313	Toilet paper.
8315	Packaging items of paper cartors boxes kraft paper etc.
8318	Paper board (Paste)Paper board (Suaw)Blank fullscap etc.
8319	Ticket boards blank card tickets.
8325	Malematical and drawing office equipments and materials instruments box drawing board t square set square etc.
8328	Birding materials gum dextrin powder gur gum etc.
8331	Miscellaneous stationery items like eraser rubber cello tape signature paid sealing was paper weight pins packets pits safety paper clips paper clip jen blotting paper nipper ticket ink violet files folders cycles and writing materials ink pen pencils ball pens refills.
8334	Rubber blocks and stamps
8337	Duplicating and typewriting machine spares etc.
8338	Types of composing.

84 – Refractories, glass substitutes ashestes fibre and packing materials

8405	Fire bricks moderate heat duty.
8406	Fire bricks high heat duty.
8410	Tiles refractory for electric furnace.
8413	Fire clay and mortars.
8417	Crucibles and accessories.
8421	Mirons of all sizes and types.

8424	Glass sheets toughered and laminated.
8425	Glass items (other than those covered elsewhere).

84 – Refractories, glass substitutes asbestos fibre and packing materials (Contd)

8429	Cork sheets.
8432	Fererglass products.
8436	Tapes adhesive.
8440	Adhesive araldite rubber ointing solution feviool.
8445	Jointing and packing materials.

85 Ball and roller bearings.

8505	Ball earings of all types.
8510	Tirust ball bearing single and double row.
8515	Roller bearings of all types spherical self alighning cylindrical taper etc including those mode for rolling stock.
8520	Needle bearings.
8525	Bearing housing balls and rollers steel for bearing.
8579	Special bearings not otherwise classified.

86 Fire fighting equipments.

8605	Portable fir extinguishers of all types.
8610	Refills for fire extinguishers.
8615	Fire fighting equipments complete equipped with petrol engine pumps houses and nozzles.
8616	Spares for the above.
8620	Fire hoses and couplings.
8625	Fire fighting bucktets (Sand and water).
8630	Hydrants fire.
8635	Sirens.

90 Raw materials (Ferrous)

9005	Pig iron all grades.
9007	Ferious scrap for melting.
9009	M.S channels I Beams angles tees.
9011	M.S sections (Flats round bars torsteel squares hexagonal etc)
9013	M.S plates and sheets.
9015	Tin plates strips hoops and sheets.
9017	Spring steel wires.
9019	Springs steel rounds volute sections and flats.
9021	Tools steel (die block flarts steel HSS etc).
9023	Stainless steel sheets and sections.
9025	Ferro alloys.
9027	Blooms stabs billets.
9029	Special steel sections.
9031	Steel plates and sheets other than mild steel.
9033	MS wires of allgauges.
9035	High tetesile wires and rods.
9040	Steel shots grits and balls.

91 - Non-ferrous metals.

9105	Non-ferrous virgin ingots for melting.
9107	Non-ferrous alloy ingots for meltings.
9111	Non-ferrous scrap for melting.
9113	Non-ferrous sections.
9117	Non-ferrous bars flats squares rounds hexagonal tubes pipes etc.
9119	Extrusions aluminum.
9122	Non-ferrous sheets plates and wires.
9125	Non-ferrous suitable for springs (Phosphor ,copper, etc).