

Annexure-A

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

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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	

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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	

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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

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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

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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

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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

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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

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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

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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

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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.

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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)

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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	Interrupters, 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

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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

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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

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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

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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

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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

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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.	

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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

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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	Electrodes 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

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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 (Cair 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

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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

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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

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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, Dextrin 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

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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

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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

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