



List of materials which can be manufactured and supplied by Micro & Small Enterprises (MSEs), in accordance to the respective ASTM, ANSI, AISI, EIL / other applicable standards, for use in the Petroleum Refineries. This is in addition to the 358 reserved items earmarked by the Ministry of MSME, New Delhi to be procured from the MSEs.

- 1) Pipes of Carbon Steel, Alloy Steel, Stainless Steel
- 2) Tubes for exchanger, furnaces - Carbon Steel, Alloy Steel, Brass.
- 3) Pipe Fittings namely elbow, nipple, tee, return bends, reducers, coupling, cap, bend
- 4) Valves of Carbon Steel, Alloy Steel – Types: Gate, Globe, Check, Ball
- 5) Solenoid valves
- 6) Instrumentation valves – ON / OFF
- 7) Butterfly valve, Diaphragm type valve
- 8) Flanges of Carbon Steel, Alloy Steel, Stainless steel
- 9) Orifice flanges – Carbon Steel, Stainless Steel
- 10) Stud Bolts and nuts – Alloy Steel – Standard B7/2H
- 11) Gratings galvanized – Square, rectangle, profile
- 12) Wire mesh, Anchors, Hex mesh
- 13) Gaskets for flanges, exchangers – CAF / SS, Ring type / Spiral wound
- 14) HDPE Bags for packing wax
- 15) Cotton waste, Cleaning cloth
- 16) Personal protective items: Shoes, Gloves, Helmets, Apron, Wind cone cloth
- 17) Safety showers, trolleys,
- 18) Ceramic paper, Ceramic Fibre blanket, modules
- 19) Refractories / Insulating castables : Mortar, Bricks
- 20) Emery sheets (rolls), Tools
- 21) Sacrificial anodes made from Magnesium
- 22) Coupling and Belts for pulleys in rotary equipments
- 23) Filter elements for air intake filters of various equipments
- 24) Stationary pre-printed
- 25) Fans, Blowers
- 26) Lamps, Lamp holders
- 27) Electrical Switches, Switch gears,
- 28) Voltmeters, Ammeter
- 29) Electrical insulation tapes, barricading tape
- 30) Transmitters: Level, Pressure

Materials:

Chemicals, Catalysts, Pipes, Tubes, Fittings, Flanges, Valves, Furnace parts, Exchanger parts, Stud bolts, Gratings, Wire Mesh, Gaskets, HDPE Bags, Cotton waste, Personal protective items: Shoes, Gloves, Helmets, Apron, Wind cone cloth, Safety showers, and trolleys, Ceramic paper, Ceramic Fiber blanket, modules, Refractories / Insulating castables - Mortar, Bricks, Emery sheets (rolls), Tools, Sacrificial anodes made from Magnesium, Coupling and Belts for pulleys in rotary equipment, Filter elements for air intake filters of various equipment, Stationary pre-printed, Consumables, Computers, IT related items, Printers, Print cartridges, Fans, Blowers, Lamps, Lamp holders, Electrical Switches, Switch gears, Voltmeters, Ammeter, Electrical insulation tapes, barricading tape, Transmitters, Telephone Instruments, etc., as per CPCL Bids/Tenders published from time to time on the GeM Portal as well as on CPCL e-tender Portal.