



MSU Type TB-SS Trash Baskets

Part 1- General

1.1 Standards

- .1 Design in accordance with CAN/CSA-S16.1-M.
- .2 Conform to CSA 47.1-03 Certification of companies for the fusion welding of steel structures.

1.4 Quality Assurance

- .1 Welding shall only be undertaken by a company Certified by the Canadian Welding Bureau to the requirements of CSA Standard W47.1-03, Certification of Companies for the Fusion Welding of Steel Structures.

1.5 Shop Drawings

- .1 Submit shop drawings in accordance with Section 01300 - Submittals.
- .2 Indicate materials, thicknesses, weld symbols, reinforcement, details and accessories.

Part 2 – Products

2.1 Materials

- .1 Stainless Steel Shapes shall be type 316L.
- .2 Fasteners in 316 stainless steel.
- .3 Concrete to be minimum 3000 psi.

2.2 Fabrication

- .1 Fabricate square, true, and accurate to required size, with joints closely fitted. Remove all burrs and sharp edges.
- .2 Trash basket shall slide vertically along 2" sch 10 316L stainless steel guide bars. Guide bars shall be fastened to structure wall every 2M.
- .3 Trash basket shall be as wide as the incoming effluent piping plus 25mm on either side of opening.
- .4 Rods of basket shall be 10mm diameter rod, frame shall be 38 x 38 x 6mm angle, bottom and back of basket shall be 6mm plate. Trash basket to be made entirely of type 316l stainless steel.



2.2 Fabrication (continued)

- .5 Trash basket to be supplied with 5.6mm type 316L stainless steel chain.
- .6 Guide bar support brackets will bolt to walls with 12 x 95mm wedge anchor assemblies as manufactured by Hilti.

2.3 Trash Baskets

- .1 Provide the appropriate trash baskets complete with all necessary attachment brackets to the dimensions on the Contract Drawings. Ensure all trash baskets are:
 - .a assembled using GMAW or GTAW welding methods, and
 - .b MSU type TB-SS.

Part 3 – Execution

3.1 Installation

- .1 Install trash baskets where indicated on the drawings.