

## BARGRATING

Pumps Testing

1. SCOPE: This standard specifies the Bargrating used in Mud System of [REDACTED].
2. APPLICATION: This Bargrating is used for walkways attached by the side of the mud Tanks. For covering the top of mud tanks and for the steps of staircases. To provide movement space on top of the mud tanks.
3. TECHNICAL REQUIREMENTS:
  - a) The general construction and layout for this bar grating is as per sketch (details enclosed). Materials for grating also attached with sketch details.
  - b) This grating supply shall be supplied with a standard width of 755mm and length as indicated in the variant table as per material code.
  - c) Welding should be done on both the sides of the flat at all contact points between rod and flats. Electro fusion welding is also acceptable.
4. INDENTING: The Description, product standard and Var.No. Shall be clearly mentioned in indent.  
  
E.g. Bargrating.OE53478-01
5. TESTING: Bow is not permissible along the length or width of the bargrating. The supplier shall submit test certificates about materials.
6. PAINTING: Surface Finish: - Blast Clean to SA 2 ½. And apply paint
7. HOT DIP GALVANISING: Before Hot Dip Galvanising Material surface preparation is to be carried out as per the sequence given below to obtain a quality galvanized coating:  
  
First Grit Blast the surface to SA 2 ½ then
  - i) Caustic (Alkaline) Cleaning
  - ii) Water Rinsing
  - iii) Pickling (Acid Cleaning) with Hydrochloric / Sulfuric Acid
  - iv) Second Water Rinsing And
  - v) Fluxing using An aqueous solution of Zinc Ammonium Chloride to prevent Oxidation of newly cleaned steel and promote good adhesion of Zinc

After surface preparation material to be Hot dip galvanized to 100 - microns