

1. Name of Component – **POT**

2. Drawing. No. - 5049823

3. Material – C.R. Carbon Stl. Sht.

MECHANICAL PROPERTIES:

Bend Test:

The test piece shall be capable of being bent cold through 180° close without showing sign of cracks or fracture on the outer convex surface.

Bend test shall be carried out in accordance with IS : 1599.

Hardness (VICKERS):

When tested as per IS : 1501, the test pieces shall show a Vickers hardness as given below:

Upto & Incl. 1.25 mm, thick : 115 HV, max.

Above 1.25 mm, thick : 125 HV, max.

4. SPECIAL TREATMENT –

Steel shall be manufactured by open-hearth, electric, basic oxygen or a combination of these processes.

Material shall be manufactured from semi killed/killed steel, preferably aluminum killed.

Rimmed steel is not acceptable.

FINISH:

Material shall have a medium or dull finish. Pores roll marks or scratches which do not impair Uniform appearance of the finished product is permissible. The sheets shall be free from waviness and the surface shall be ideal for spray painting.

HEAT TREATMENT:

Sheets and coils shall be fully annealed and skin passed.

FREEDOM FROM DEFECTS:

The material shall be free from harmful defects such as scale, rust, blisters, laminations, pitting, cracked edges, etc

5. SIZE- 0.8TK.X50 DIA.

FIG.

