

TECHNICAL SPECIFICATION

1 Scope

The scope of supply covers Design, Engineering, Manufacturing, Supply, and erection, stamping by the Weights and Measures Department and commissioning of one number, Rail Static Weigh Bridges of Pit type -Design.

2. Standards

The components of the Weigh Bridges will be designed, manufactured, assembled and tested as per relevant BIS guideline.

3. General Information

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|-------------------------|-------------------------------------|
| (a) Type | : Pit type Rail Static Weigh Bridge |
| (b) Weighing Capacity | : 120 Tone for individual Wagon. |
| (c) Ambient Temperature | : 55 Deg Celsius |
| (d) Humidity | : 95 % |

4. Specification of the Weigh Bridge

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| (a) Type of Weigh Bridge | : Rail Static of Semi Pit type design |
| (b) Weighing Capacity | : 120 Tone for individual Wagon. |
| (c) Load cell | : Double Ended Shear Beam Load cell. |
| (d) Type of Weighing | : Full draft |
| (e) Direction of Weighment | : Bi Direction |
| (f) Type of Wagon | : All types of standard Wagons of Indian Railways. |
| (i) Increment | : 20 Kg |
| (j) Accuracy | : Class III |
| (k) Power Supply | : 230 V, ± 10 %, single phase 50 Hz. |