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CATALOG FOR PLATE BEARING TEST SET-UP



K.J.INTERNATIONAL

Specialist in Mfg. & Sales of : Testing Instruments for Cement, Concrete, Soil, Materials, Laboratory, NDT, Measuring & Surveying Instruments (Also Dealing in Electronics & Plastic Testing Instruments)

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REAL PICTURE OF K.D. POLYTECHNIC. PATAN, GUJARAT SUPPLIED IN 2016-17



PLATE BEARING TEST SET-UP

Specification :-

- Load truss shall be designed for higher reaction loading of 300kN or more and is fabricated construction in two halves which can be easily assembled to gather at site. It should consist of
 - a. Two part loading truss – Overall Length not less than 5.5 m – 1 Pair
 - b. Joists – 1 Pairs
 - c. 1 m long anchor spikes dia meter atleast 25mm – 150 nos
 - d. Semi – Cylindrical anchors – 12 nos
 - e. Anchor straps bolts with nuts – 24 nos
 - f. Anchor Straps – 12 nos
 - g. Guy wires with six turn buckles – 6 nos
 - h. Top flange splice plate with eight bolts – 6 nos
 - i. Plate joining bolts with nuts – 8 nos
 - j. Bolts with nuts for bottom splice – 6 nos
 - k. Sledge hammer - 1
 - l. Spanners (for nuts and bolts)
- Ball & socket arrangement, consisting of two steel plates, with one steel ball in between the plates.- 1
- Loading Jack of capacity 30 Tone or more. 1 No
- Extension rod, 12mm dia. x 250mm long, for taking dial gauge readings. 16 Nos

PLATE BEARING TEST SET-UP

Specification :-

- Magnetic base, with female thread on top for holding extension rod. 4 Nos
- Dial gauge, 50mm travel, 0.01mm least count. 4 Nos
- Top end plate, 50mm dia. With male thread, for fitting on to the extension rods & positing the dial gauge plunger. 4 Nos
- Column with flanges, complete each with four bolts and nuts
 - (A) 15cm dia. x 25cm long – 2 nos
 - (B) 15cm dia x 50cm long – 1 nos
- Datum bar, light, weight, portable, total span 5m, mounted on two removable legs and two quick release clamps for positioning the dial gauges. Datum bar must be useful for 2.5m span. 1 No
- Chequered MS plate – (A) 30cm x 30cm x 25mm thick- 1 nos ,
 - (B) 45cm x 45cm x 25mm thick - 1 nos , (C) 60cm x 60cm x 25mm thick- 1 nos
- Plain MS plate (Square) - (A) 30 cm x 30 cm x 25 mm thick- 1no,
 - (B) 45 cm x 45 cm x 25 mm thick- 1no , (C) 60 cm x 60 cm x 25 mm thick- 1no
- Chequered MS plate (Circular) - (A) 30cm diameter x 25mm thick- 1no,
 - (B) 45cm diameter x 25mm thick- 1no , (C) 60cm diameter x 25mm thick- 1no
- With oil for pumping unit 10 liters, & set of tools.

-: End of the Catalog :-