

NOTE:-
 ALL DIMENSION ARE IN mm.

MATERIAL SPECIFICATION OF TIE ROD:-
 CARBON STEEL EN-8 (FORGED, NORMALISED, & MACHINED)



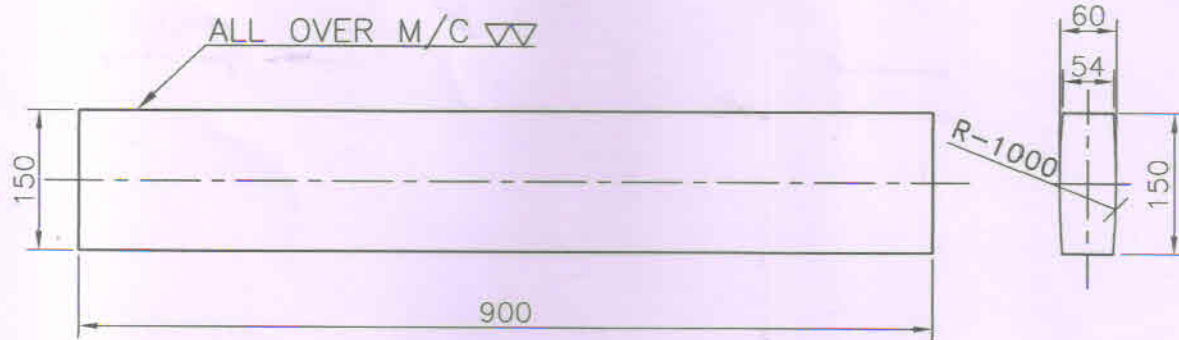
**THE BRAITHWAITE BURN AND JESSOP
 CONSTRUCTION COMPANY LIMITED**

(A GOVT. OF INDIA ENTERPRISE)

TITLE:

DETAILS OF TIE RODS FOR 12 TON. CAPACITY (25' RADIUS)
 ERECTION CRANE

SCALE:- NTS	NAME	DATE	B.B.J. ORDER NO.-	
DRAWN BY:	R. BOSE	25.01.23	SKETCH. NO. BBJ-ERC-12T-CR-01	REV.
CHECKED BY:				0
APPROVED BY:			REQN. NO. D/2338	DATE: 25.01.23
				A4



4 NOS. BUFFER BLOCK REQD. AS DRN.

SPECIFICATION OF BUFFER BLOCK:-

1. CARBON STEEL BS:970 EN-9 (FORGED, NORMALISED, & MACHINED)
 - a) YIELD STRESS - 34.65 KG./ SQ mm
 - b) ELONGATION - 18%
2. MATERIAL TO BE ULTRASONICALLY TESTED.
3. D.P TEST TO BE DONE TO CHECK SURFACE IRREGULARITY.
4. U.T.S.- 70.87 kg./mm²

NOTE:-

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**THE BRAITHWAITE BURN AND JESSOP
CONSTRUCTION COMPANY LIMITED**

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TITLE:

DETAILS OF BUFFER BLOCK FOR STANDARD 30.5 M. SPAN

SCALE:- NTS	NAME	DATE	B.B.J. ORDER NO.-	
DRAWN BY:	R. BOSE	24.01.23	SKETCH. NO. SK-ERC-30.5M-01	REV.
CHECKED BY:				0
APPROVED BY:			REQN. NO. D/2338 DATE:25.01.23	A4