



**QM-C-7.1/BOGIE/0001/G**

**Inspection Plan (Check Sheet)**

**Item:** Brake Beam for Casnub 22W(M)  
**Specn. :** IS:1030 Gr. 280 – 520W  
**Amd.:** --  
**Drg. No. & Alt.:** W D- 85084 – S-I, Alt.4

1. Name of Manufacturer :
2. Date of Offer :
3. RDSO File No. :
4. Description of Material :
5. Drawing and Alt. No. :
6. Specification and Grade :
7. Purchase Order No. :
8. Total Quantity Ordered :
9. Quantity Earlier Passed :
10. Quantity now offered :
11. Date of Inspection :
12. Consignee :
13. D.P. :

1. Date of Inspection
2. Quantity Accepted
3. Quantity Rejected
4. Balance Order

Signature of firms Representative

RDSO Representative

Name Designation & Stamp



**METALLURGICAL REPORT**

Sample Plan: Each Heat

**1. MATERIAL DETAILS:**

Heat No.						
Quantity Cast						
Quantity Passed						
Quantity Offered						
Quantity Balance						

**(A) CHEMICAL COMPOSITION (as per M&C HEAT Clearance Register)**

<b>SPECIFIED VALUE (in %)</b>	<b>OBSERVED VALUE</b>					
C-0.25 max						
Mn – 1.20 MAX						
Si-0.60 max						
S-0.035 max						
P-0.04 max						

**(B) MECHANICAL PROPERTIES (as per the Register)**

<b>SPECIFIED VALUE (in %)</b>	<b>OBSERVED VALUE</b>					
UTS-53.0 Kg/mm <sup>2</sup>						
YS – 28.54 Kg/mm <sup>2</sup>						
EL % - 18 (min)						
RA % - 25 (min)						
Micro (Pearlite & Ferrite)						
Grain (6-8)						

Signature of firms Representative

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**LOAT TESTING REPORT**

SAMPLING SIZE: 1 in 50 Nos.  
ACTUAL No. :

S.NO.	PLACE	BEFORE LOAD	UNDER 12 TONE LOAD	AFTER RELEASING LOAD	DEFLECTION UNDER LOAD	PERMANENT SET
1	R					
	L					
	C					
2	R					
	L					
	C					
3	R					
	L					
	C					
4	R					
	L					
	C					
5	R					
	L					
	C					
6	R					
	L					
	C					
7	R					
	L					
	C					
8	R					
	L					
	C					
9	R					
	L					
	C					
10	R					
	L					
	C					

Signature of firms Representative

RDSO Representative

Name Designation & Stamp



**DIMENSIONAL CHECK SHEET**

Sl. No	DRG. DIM.	OBSERVATION														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	1903+5/-0															
2	1762+/-1.5															
3	1681+/-1.5															
4	100															
5	76															
6	35+/-1.5															
7	41+0.2/+0.5															
8	60															
9	81+1.00/-0.00															
10	54+0.35/-0.25															
11	47															
12	30															
13	110															
14	25															
15	16															
16	22															
17	35															
18	420															

Signature of firms Representative

RDSO Representative

Name Designation & Stamp