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**QM-C-7.1/BOGIE/0002/C**  
**Inspection Plan(Check Sheet)**

**Item:** Centre pivot assembly (top & bottom)  
**Specn. :** CONTR.LCCF 20(C)-96 (Rev.2)  
**Amd.:** 1 of feb.2010  
**Drp. No. & Alt.:** CONTR-9404-S/8

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**CENTRE PIVOT TOP FOR CASNUB BOGIES**

1. Name of Manufacture
2. Date of Offer
3. RDSO File No.
4. Description of Material
5. Drawing and Alt.No.
6. Specification & Grade
7. Purchase order No.
8. Quantity Ordered
9. Quantity earlier passed
10. Quantity now offered
11. Date of Inspection
12. Consignee
13. D.P.

Signature of firms Representative

Signature of RDSO Representative



**Metallurgical Report (As per AAR-M-201-84 Gr.C)**

**1. MATERIAL DETAILS:**

Heat No.						
Casting Sl.No.						
Quantity Cast						
Quantity Passed						
Qty. Balance						

**A. CHEMICAL COMPOSITION (As per M&C Heat Clearance Register)**

Specified Value (in %)	OBSERVED VALUES					
C 0.32 Max						
Mn 1.85 Max						
Si 1.50 Max						
S 0.04 Max						
P 0.04 Max						

**B. MECHANICAL PROPERTIES ( As per the Register)**

Specified Value (in %)	OBSERVED VALUES					
UTS – 64.62 kg/mm <sup>2</sup> (min)						
YS – 43.0 kg/mm <sup>2</sup> (min)						
EL% - 22 (Min)						
RA% - 45 (Min)						
Hardness 300 BHN (min)						

Signature of firms Representative

Signature of RDSO Representative



## DIMENSIONAL CHECK SHEET

Sl.No.	Description	Drg. Dims	Observation							
1.	Length	590±4.50								
2.	Width	420±4.50								
3.	Thickness	20±1.0								
4.	Outer Dia	360±0.5								
5.	Total Height	66±1.0								
6.	Dia	80±1.0								
7.	Dia	60±0.5								
8.	Depth	3.0								
9.	Hole Centre	510±0.2								
10.	Hole Centre	450±0.2								
11.	Dia	120								
12.	Dia	320±1								
13.	Height	35								
14.	Depth	16±0.5								
15.	Hardness	300 BHN (Min)								

Others Checks :-

- Check any notch mark/ cut mar/cross joint is visible in the vulnerable areas of the centre pivot assembly.
- Whether any porosity/ pinholes/sand fusion/excess sand sticking beyond acceptable limit are noticed.
- Whether surface finish is within acceptance limit.
- 5% Gauging check sheet attached.

Signature of firms Representative

Signature of RDSO Representative