



QM-C-7.1/BOGIE/0001/E

Inspection Plan (Check Sheet)

Item: Side Bearer Housing
Specn. : IS:1030 Gr. 280 – 520W
Amd.: --
Drg. No. & Alt.: SK-69594, Alt.34,lt-4, WD-92093-S/1

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. P.O. No. :
8. Total Quantity Ordered :
9. Quantity Earlier Passed :
10. Quantity now offered :
11. Consignee :
12. D.P. :

All the gauges used are duly calibrated.

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

Signature of firms Representative

RDSO Representative



METALLURGICAL REPORT

1 (A) CHEMICAL COMPOSITION (as per M & C Heat Clearance Register)

Heat No.							
Casting SL.NO.							
OTHER							
Qty. Cast							
Qty. Passed							
Qty. Baln.							
% AGESPEC							
C-							
Mn-							
Si-							
S-0.05 Max							
P-0.05 Max							

(B) MECHANICAL PROPERTIES (as per the Register)

SPEC Mpa							
UTS-540							
YS-270							
EL%-16 min.							
RA%-23min.							

GAUGE CHECK FOR INDIVIDUAL CASTING (5%)

	SIDE BEARER HOUSING	OBSERVATION
1	Free Height Gauge	
2	Inside Length Gauge	
3	Inside Width Gauge	
4	Height of Housing Gauge	
5	Housing bottom thickness Gauge	

OTHER CHECKS:

- a) Check any notch mark/cut mark/cross joint is visible in the vulnerable areas of the side bearer.
- b) Whether any porosity, pinholes, sand fusion excess sand sticking beyond acceptable limit are noticed.
- c) Whether surface finish is within acceptable limit.

Signature of firms Representative

RDSO Representative



LUG ANALYSIS

Brea one lug one each from any Side Bearer

Requirements	M&C Rest Result		RDSO Observation	
	SF. SI.No.	Bol. SI. No.	SF. SI. No.	Bol. SI. No.
	Heat No.	Heat No.	Heat No.	Heat No.
1. Chemical				
Heat No.				
Casting				
SL.NO. OTHER				
Qty. Cast				
Qty. Passed				
Qty. Balance				
%AGE SPEC				
C-				
Mn-				
Si-				
S 0.05 max.				
P 0.05 max				

(B) MECHANICAL PROPERTIES (as per the Register)

SPEC Mpa						
UTS-540						
YS-270						
EL%-16 min.						
RA%- 23min.						

Signature of firms Representative

RDSO Representative