



QM-C-7.1/BOGIE/0001/D

Inspection Plan (Check Sheet)

Item: Wedge
Specn. : IS:276 Gr.I
Amd.: --
Drg. No. & Alt.: SK-77579, Alt.7

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. :
-

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

Signature of firms Representative

RDSO Representative

Name Designation & Stamp



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 (1.05-1.35)						
Mn (11-14)						
Si (1.0 max)						
S (0.025 max)						
P (0.08 max)						

(B) MECHANICAL PROPERTIES (as per the register)

SPEC.						
Bend 150						
Hardness 229max						

S.No.	Description	Drawing No.	Observation
	Wedge		
1	Squareness checking gauge	WD-97031-S/16	
2	Slope & Location checking gauge	WD-97031-S/17	
3	Plate gauge height & location of point dimension 90 mm	WD-97031-S/18	
4	Wing profile & R-1500 width over wings and width of wedge	WD-97031-S/19	

LUG ANALYSIS OF WEDGE

Breake one lug one each from any Wedge

Requirements	M&C Test Result		RDSO observation	
	SF SI.No Heat No.	Bol SI.No Heat No.	SF SI.No Heat No.	Bol SI.No Heat No.
1. Chemical				
Heat No.				
Casting SI.No other				
Qty. Cast				
Qty. Passed				
Qty. Baln.				
%AGESPEC				
C (1.05 – 1.35)				
Mn. (11-14)				
Si (1.0 Max)				
S (0.025 Max)				
P (0.08 Max)				

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(B) Mechanical Properties (as per the register)

SPEC.						
Bend 150						
Hardness 229 Max						

GAUGE CHECK FOR INDIVIDUAL CASTING (5%)

	Wedge SK-77579	Gauge Drg No.	Observation
1.	Squareness checking gauge	WD-97031-S/16	
2.	Slope & Location checking gauge	WD-97031-S/17	
3.	Plate gauge height & location of point dimension 90 mm	WD-97031-S/18	
4.	Wing profile & R-1500 width over wings and width of wedge	WD-97031-S/19	

Other checks

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

Signature of firms Representative

RDSO Representative

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