



Govt. of India
Ministry of Railways
Research Designs & Standards Organisation
Manak Nagar, Lucknow-226 012

QM-C-7.1/COUPLER/00011/K
Inspection plan(Check Sheets)

Item : Yoke Pin
Specn. : WD-70-BD-10 (Rev.1)
Amd :
Drg. No. : SK-62724, ALT – 24, Item-12

1. P.O.No
2. RDSO CASE NO
3. NAME OF THE FIRM
4. DATE OF INSPECTION
5. QTY. ON ORDER
6. QTY PASSED EARLIER
7. QTY NOW OFFERED
8. QTY NOW PASSED
9. QTY REJECTED
10. DATE OF OFFER
11. CONSIGNEE
12. D.P.

Quality Control Incharge of M/s.....

Inspecting Official of RDSO



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13. LAB: Test report for Yoke Pin

Chemical Test as per IS: 1857 St CI V

	%C	%Mn	%Si	%S	%P
Specified Value	0.50-0.60	0.60-0.90	0.15-0.35	0.040 max	0.040 max
Observed Value					

Physical Test as per WD-70-BD-10 for Yoke. Pin

	U.T.S (Kgf/mm ²)	Y.S (Kgf/mm ²)	%EL 5.65√so	%RA
Specified Value	95Kgf/mm ² (min)	53Kgf/mm ² (min)	18.5(mm)	44.80(mm)
Observed Value				

14. VISUAL: 10%

1	2	3	4	5	6	7	8	9	10	11	12	13	14

15. DIMENSION CHECK: 10%

SMPL NO	PIN DIA (88.9MM)	Length 315 MM	CHAMFER 2X45°

16. Hardness check: 5% (262-302 BHN) As per parra 4.2.3 of WD-70-BD-10(Rev.1)

1	2	3	4	5	6	7	8	9	10

17. FINISH: CHECK 5%

The finished pin shall be straight, free from scales and have surface finish of Ra 3.2 μm

1	2	3	4	5	6	7	8	9	10

- 18.. a) Marking: manufacture initial and month/ year of manufacture stamped on both end of yoke pin . OK/Not OK
 b) Packing: Material in loose sealed in gunny bag. OK/Not OK

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