



QM-C-7.1/COUPLER/00011/K (Rev.-01)  
INSPECTION PLAN(CHECK SHEET)

Item : Yoke Pin  
Spec. : WD-70-BD-10 (Rev-3) or Latest  
Drg. No.& Alt : SK- 62724, Alt- 28 or Latest, 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.

**SANJAI  
JAUHRI**

Digitally signed by SANJAI JAUHRI  
DN: cn=SANJAI JAUHRI, c=IN,  
st=UTTAR PRADESH,  
o=MINISTRY OF RAILWAYS,  
ou=MINISTRY OF RAILWAYS,  
serialNumber=BF5A8ACB6284358  
9C066D112792EE235F60B991037  
26CF556BCA8FD2762E0FD4  
Date: 2023.10.23 14:05:44 +05'30'

Signature of Firm Representative  
M/s

Inspecting Official of RDSO

1. **Visual Check:** Sample size 10% of the lot

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

2. **Dimension Check :** Sample size 10% of the lot

SAMPLE NO.	PIN DIA 88.9 ± 0.3 MM	LENGTH 315 MM	CHAMFER 2X45°

3. **LAB Test report of yoke Pin**

**Chemical Test:** As per IS: 1875 St Cl 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 (Rev-3) or Latest

	U.T.S (KGF/mm <sup>2</sup> )	Y.S (KGF/mm <sup>2</sup> )	% EL 5.65 <sub>so</sub>	% RA
Specified Value	95 kgf/mm <sup>2</sup> (min)	53 kgf/mm <sup>2</sup> (min)	18.5 (min)	44.80 (min)
Observed Value				

4. **Hardness check :** 5% ( 262-302 BHN) As per para 4.2.3 of WD-70-BD-10 (Rev-3) or Latest

1	2	3	4	5	6	7	8	9	10

Note: Take hardness on Top, Bottom & Center as specified in WD-70-BD-10

5. **Finish Check :** Sample size - 5 % of the lot

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

1	2	3	4	5	6	7	8	9	10

6. a) **Marking:** Manufacturer's initial and month/Year & UHT stamped OK/Not OK  
on both end of yoke pin (Depress letter).

b) **Packing:** Material in loose sealed in gunny bag. OK/Not OK

c) **Straightness:** It should be 5 mm/metre (Maximum)

d) **Painting:** Should not be painted.

Signature of Firm Representative  
M/s

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Page. 2 of 2

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ou=MINISTRY OF RAILWAYS,  
serialNumber=BF5A8ACB62843  
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103726CF556BCA8FD2762E0F  
D4  
Date: 2023.10.23 14:06:06  
+05'30'

Inspecting Official of RDSO