



सत्यमेवजयते

Govt. of India
Ministry of Railway
Research Design & Standard Organization
Manak Nagar- Lucknow-226011

QM-C-8.1/CTRB/0021

INSPECTION PLAN (CHECK SHEET)

Item : Locking Plate CTRB Class E (6"X11")
Specification: RDSO Spec. No. AB/RB-39-2002/AB/RB-40—2016 & IS:513
Amd.:
Drg. No. & Alt.: WD-87019-S-01

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1. **Firms Name :**
2. **Date (Period) of Inspection:**
3. **Contract details:**
 - a. **Contract No. and Date:**
 - b. **Order Placing authority:**
 - c. **Specification no.:**
(as mentioned in contract)
 - d. **Drawing No.:**
(as mentioned in contract)
4. **Quantity on Order:**
5. **Quantity offered for inspection: on date:**
6. **Consignee:**

Firm's Quality Control Manager

Inspecting Official of RDSO



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Date of Inspection:	Contract No.:
Drawing No. :	Consignee:
Quantity Offered:	

1. VISUAL CHECK:

Visual Checks	Observations	Inspection frequency for RDSO officials
Visual defects, Surface free from damage, scales etc.		As per IS 2500 part 1 special inspection levels S4, AQL 0.01%

2. CHEMICAL COMPOSITION:

Parameters	Chemical composition(%)	Observations	Inspection frequency for RDSO officials
C(Max.)	Material as per IS: 513		01 nos. per lot / per visit
Mn(Max.)			
S(Max.)			
P(Max.)			

3. MECHANICAL PROPERTIES:

S No.	Parameters	Specified	Observations	Inspection frequency for RDSO officials
1	Tensile Strength Mpa(Max.)	370		01 nos. per lot / per visit
2	Yield Point or Proof Stress Mpa (Max.)	240		
3	Minimum Elongation (Gauge Length 80 mm/Gauge Length 50mm)	30/31		

4. DIMENSIONAL CHECK:

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S. No.	Parameters	Specified	Observations	Inspection frequency for RDSO officials
1	Plate Thickness	1.6mm		As per IS 2500 part 1 special inspection levels-S4, AQL 0.01%
2	PCD of Center hole (mm)	98.4 PCD		
3	Center hole Dia.	47.5mm		
4	29 Dia. 3 holes on 97 Dia. B.C.	29 Dia. 3 holes on 97 Dia. B.C.		
5	Height	5mm		
6	130 Ref.	130mm		
7	118 Ref.	118mm		
8	Tab bend test	No crack		05 nos. per lot/ per visit
9	Hardness	65 HRB (Max.)		10 nos. per lot/ per visit
10	Surface Protection	Phosphate/Zinc coated as specified		05 nos. per lot/ per visit
11	Sharp corner	Tumble blast to remove sharp corner		05 nos. per lot/ per visit
12	Marking	As per Drawing		10 nos. per lot/ per visit

Firm's Quality Control Manager

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