



सत्यमेवजयते

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

QM-C-8.1/CTRB/0022

INSPECTION PLAN (CHECK SHEET)

For

Locking Plate CTRB Class 'K'(6 1/2"X9")

Item : Locking Plate CTRB Class 'K'(6 1/2"X9")

Specification: RDSO Spec. No. AB/RB-41-2016 & IS:513

Amd.:

Drg. No. & Alt.: WD-06085-S-02

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1. Firm's 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		

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4. DIMENSIONAL CHECK:

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)	108 PCD		
3	Center hole Dia.	54mm		
4	29 Dia. 3 holes on 106 Dia. B.C.	29 Dia. 3 holes on 106 Dia. B.C.		
5	Height	5mm		
6	145 Ref.	145mm		
7	132 Ref.	132mm		
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

Inspecting Official of RDSO