



QM-C-7.1/AB/0008
Inspection Plan(Check Sheet)

Item: L-type non-asbestos Composition Brake Blocks for freight stock with 1000 mm wheel diameter
Specn. : WD-13-ABR-2006
Amd.: 1 of May 08
Drg. No. & Alt.: WD-99062-S-01 Alt-03

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)
2. Quantity on order
3. Quantity offered for inspection
4. Date of offering for inspection.
5. Consignee
6. Delivery Period

Quality Control Incharge of M/s

Inspecting Official of RDSO



SUMMARY OF RESULT
Lot size 2000 nos.

(A) Periodical / Intermediate check :

S.No.	Name of Test	Specified	Last test done	Next test due
1.	Dynamo meter	As per the QAP approved by RDSO & Specn. No. WD-13-ABR-2006 (Latest)		

(B) Routine Check :

*** (Routine check shall be conducted after ensuring the Periodical / Intermediate check is not over due)**

(I) Ensure clause 4.2.2 (i), (ii), (iii) & 4.2.2.1

Sr No.	Parameters	Specified Value	Observation	
			Max.	Min.
1	Visual Check	No. surface cracks		
2	Dimensional check	As per drawing		
3	Physical Properties			
	1. Compression modulus	As per Mfg. Approved QAP		
	2. Cross Braking Strength	As per Mfg. Approved QAP		
	3. Acetone extract	As per Mfg. Approved QAP		
	4. Ash Content/Loss on ignition	As per Mfg. Approved QAP		
	5. Hardness	As per Mfg. Approved QAP		
	6. Density	As per Mfg. Approved QAP		
	7. Pull off Strength	As per Mfg. Approved QAP		

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<i>ITEM – 'L' TYPE CBB FOR FREIGHT STOCK</i>				<i>Sample Size: 1%</i>						<i>Inspection Date :</i>				
<i>S. No.</i>	<i>Criteria Specified</i>	<i>Nominal Dim.(mm)</i>	<i>Measuring Device</i>	<i>Gauge Ref .No.*</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>
1	RADIUS	570± 13	Radius Gauge											
2	RADIUS	505 Min.	Radius Gauge											
3	BLOCK LENGTH	300 Min.	Snap Gauge											
4	BLOCK WIDTH	80 Min. 85 Max.	Snap Gauge											
5	BLOCK THICKNESS	58 +2/-0	Snap Gauge											
6	TAPER	1:20	Taper Gauge											
7	WIDTH OF KEY HOLE IN CLIP	25 ± 3	Gauge											
8	HEIGHT OF KEY HOLE	22 +1/-2	Gauge											
9	CLIP THICKNESS	4.0 ± 0.2	Snap Gauge											
10	LUG HEIGHT	10 ± 1	Special Gauge											

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11	CLIP DIM	57 Max.	Special Gauge														
12	CLIP DIM	24 Min.	Gauge														
13	LUG WIDTH	36 + 1 / -2	Snap Gauge														
14	DISTANCE BETWEEN LUGS	265+ 2/-0	Special Gauge														
15	WIDTH OF CLIP	76 ± 2	Snap Gauge														
16	WEAR LIMIT	10 mm	Special Gauge														
17	MIDDLE STOP LENGTH	10 Min.	Snap Gauge														
18	MARKING OF BACK PLATE: As per RDSO Spec. No. WD-13-ABR-2006(Latest)		Visual														
19	BLOCK WEIGHT: As given in Firm's Approved Drg. / QAP.		Weighing Scale														

* Gauge Ref. No. to be as per approved QAP of respective firm.

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ITEM - L'TYPE CBB FOR FREIGHT STOCK		Spec. No. WD-13-ABR-2006						Qty Checked :			Inspection Call No.:			
								Sample Size (1 per lot of 2000 Nos.):			CBB/ / /			
S. NO.	Test	Unit	Specs. (as per approved QAP)	1	2	3	4	5	6	7	8	9	10	
1	Density	Gm/cc												
2	Hardness	HRX												
3	Compression Modulus	Kg/Cm ²												
4	Cross Breaking Strength	Kg/Cm ²												
5	Back Plate Pull-Off Strength	Ton.												
6	Ash Content	%												
7	Acetone Extract	%												

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