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**QM-C-7.1/AB/ 0014**

Inspection Plan(Check Sheet)

Item : **Non-asbestos based L type Composition Brake Block for Application on MG Coaching Stock.**

Spec. No. : **RDSO C-K211 (REV.1)**

Drg.No. & Alt: **SK-K2043 (Alt.1)**

1. Firm's Name
2. Date (period of inspection)
3. Contract details
  - a. Contract No.& 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
6. Date of offering for inspection
7. Consignee
8. 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	Dynamometer	As per QAP approved by RDSO & Spec. No.C-K211(Rev.1)		

#### (B) Routine check:

\*(routine check shall be conducted after ensuring the periodical/intermediate check is not over due)

(i) Ensure Clause 4.2.(i),(ii), (iii) & 4.3

S.No.	Parameter	Specified value	Observation	
			Max	Min
1	Visual check	No surface cracks		
2	Dimensional check	As per drawing		
3	Physical properties			
	A. Compression Modulus	As per approved QAP		
	B. Cross breaking strength	As per approved QAP		
	C. Acetone extract	As per approved QAP		
	D. Ash content/Loss of ignition	As per approved QAP		
	E. Hardness	As per approved QAP		
	F. Density	As per approved QAP		
	G. Pull off Strength	As per approved QAP		
	H. Crushing Strength/SFTR	As per approved QAP		



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Item: L type Composition Brake block for MG Coaching Stock					Sample size: 1% Lot size :2000 nos					Inspection Date				
S. No.	Criteria specified	Nominal Dim.(mm)	Measuring device	Gauge reference *	1	2	3	4	5	6	7	8	9	10
1	Brake block length	228-232.	Snap gauge											
2	Brake block width	Min 74 max 78	Snap gauge											
3	Brake block thickness	60+2/ -0	Snap gauge											
4	Lug width	27+/-1	Snap gauge											
5	Lugheight	8+/-1	Snap gauge											
6	Inner distance between lugs	156.0+2/-0	Snap gauge											
7	Key hole width in clip	25.5+/-1	Snap gauge											
8	Key hole height in clip	11+/-2	Snap gauge											
9	Key holder thickness	6+/-0.2	Snap gauge											
10	Key holder length	31+/-1	Snap gauge											
11	Wear limit	10	Vernier caliper											
12	Back plate radius	R 445+/-15	Radius gauge											

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S. No.	Criteria specified	Nominal Dim.	Measuring device	Gauge reference*	1	2	3	4	5	6	7	8	9	10
13	Friction material radius	R 380+/- 15mm (Min.)	Radius gauge											
14	Back plate thickness	4mm +/-0.2	Vernier											
15	Taper	1:20	Snap gauge											
16	Chamfer/Radius	R-15 mm	Radius Gauge											
17	Relief	3 mm	Vernier											
18	Clip base height	8mm +/-1	Vernier											
19	Marking on back plate	As per RDSO Drg No.SK- K2043(Rev.1)	Visual											

Calibration Found: OK/ NOT OK

\*Gauge reference No.: to be as per approved QAP of respective Firm.

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Item- L TypeComposition Brake Block forMG Coaching		Specification: N0.C-K211(Rev.1)		Quantity checked: Sample size:						Inspection call No. Inspection date			
S.No.	Test	Unit	Specified value as per QAP	1	2	3	4	5	6	7	8	9	10
1.	Compression Modulus	N/mm <sup>2</sup>											
2.	Cross breaking strength	Kg/cm <sup>2</sup>											
3.	Acetone extract	%											
4.	Ash content	%											
5.	Hardness (Rockwell)	HRX											
6.	Density	Gm/cc											
7.	Back plate pull off strength	Ton											
8.	Crushing Strength/SFTR	Ton, $\mu$											

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