



**QM-C-7.1/RUBBER/0002**

**Inspection Plan(Check Sheet)**

**Item:** Side Bearer Pads for freight stock  
**Specn. :** 03-MISC. 86, Rev.4 of Aug'2009  
**Amd.:**  
**Drg. No. & Alt.:**

- 
- 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 on Date :
  - 6) Consignee :

QUALITY CONTROL MANAGER OF M/S

INSPECTING OFFICIAL OF RDSO



## SUMMARY OF RESULTS

### LOT SIZE 1500 TO 2000 or part thereof

S.NO.	PARAMETERS	SPECIFIED VALUE	OBSERVATIONS	
			Max.	Min.
7.1	Visual Check	Foreign materials pin holes cracks and trapped air blisters etc. & marking.		
7.2	Dimensional Check	By go – No go gauges		
7.3	Physical Properties before ageing			
	Tensile Strength	Min 225 Kg/cm <sup>2</sup>		
	Elongation at Break	Min 400%		
	Compression Set	Max 20%		
	Ash Content	Max 5%		
	Specific Gravity	Max 1.22		
7.4	Compressive load deflection at 2.25t	10-12 mm		
7.5	Shear bond test	Deflect upto 45mm		
8	Metal Plate examination	No sharp edges & burrs.		

QUALITY CONTROL MANAGER OF M/S

INSPECTING OFFICIAL OF RDSO



**7.1 Visual Check :**  
Specified Sample Size – 15 Nos.  
Actual Sample Size.

Pad No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Visual															

**7.2 Dimensional Check :**  
Specified Sample Size – 15 Nos.  
Actual Sample Size.

Pad No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Dimension															

**7.3 Physical Properties Before Ageing :**  
Specified Sample Size – 2 pads.  
Actual Sample Size - 2 pads.  
**A. Tensile Strength :**

Parameters	Specified Values	1			2		
Load at break							
Tensile Strength	Min 225 Kg/cm <sup>2</sup>						

**B. Elongation at break :**

Parameters	Specified Values	1			2		
Length at break	125 (Min.)						
Elongation	400% (min.)						

**C. Compression Set :**

Parameters	Specified Values (in mm)	1			2		
Thickness after ageing	--						
Compression set	20% (max.)						

**QUALITY CONTROL MANAGER OF M/S**

**INSPECTING OFFICIAL OF RDSO**



**D. Ash Content :**

Specified Values	1			2		
5.0% Max						

**E. Specific Gravity :**

Specified Values	1			2		
1.22 Max						

7.4 Compressive Load Deflection Characteristics  
Specified Sample Size – 10 pads  
Actual Sample Size – 10 pads

Load in tons	Specified Value	1	2	3	4	5	6	7	8	9	10
2.251	10-12mm										

7.5 **Shear Bond Test**  
Specified Sample Size – 10 pads  
Actual Sample Size – 10 pads

Deflection	Specified Value	1	2	3	4	5	6	7	8	9	10
45mm	No Bond Failure, Cracks, Shifting, Flaking etc.										

8. **Metal Plate Examination :**  
Specified Sample Size – 2 pad  
Actual Sample Size – 2 pad

Parameter	Specified	1	2
Metal Plate Examination	No Sharp Edges & Burrs		

QUALITY CONTROL MANAGER OF M/S

INSPECTING OFFICIAL OF RDSO