


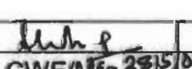

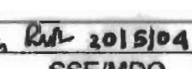
**GOVERNMENT OF INDIA
(Ministry of Railways)**

**SPECIFICATION FOR
GARLOCK POURING TUBE GASKET**

(PL No. 84980138)

Issued by

**MECHANICAL DRAWING OFFICE
RAIL WHEEL FACTORY
YELAHANKA, BANGALORE-560 064
INDIA**

 CME 2/15	 CWE/Mfg 2/15/04	 Dy.CME/Mfg	 SSE/MDO 20/5/04
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SPECIFICATION FOR GARLOCK POURING TUBE GASKET**1.0 SCOPE**

- 1.1 The specification covers the manufacture and supply of Alumina Silicate non-asbestos gasket to Rail Wheel Factory, Yelahanka, Bangalore – 64, as per the instructions and conditions of contract and tender papers.

2.0 DESCRIPTION

- 2.1 Alumina Silicate Gasket as per Fig. 1.

3.0 JOB REQUIREMENTS

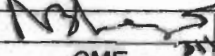
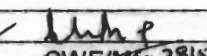
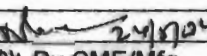
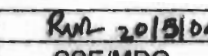
- 3.1 The Alumina Silicate Gasket is required to be placed on 13" (330mm) OD x 12" (305mm) ID x 3/16" (5mm) deep groove on tube support ring for effecting sealing to prevent leakage of compressed air at 40 psi (2.81 kg/cm²) and in contact with hot metal of 1620°C. The gasket is sealing the annular gap between two metallic surfaces with a maximum temperature of 1000°C.

4.0 TECHNICAL DATA

- a) Density : 300-400 kg/m³.
 b) Breaking Load (min) : 4N
 c) Dimensions : As per drawing

5.0 GENERAL APPEARANCE AND FINISH

- 5.1 The finished gasket when delivered shall be free visible defect that impairs appearance and serviceability. The surface of the gasket shall be of uniform texture, and shall have smooth surface. The gasket shall be of perfect rectangular shape in cross-section and near circular finish.

			
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6.0 GENERAL GUIDANCE

6.1 The Gasket should be air tight from its inner surface to outer surface against maximum pressure of 40 PSI. To achieve this, the Gasket presently in use is chemically coated both on inside as well as outside. It is suggested that a suitable coating may be provided on these surfaces.

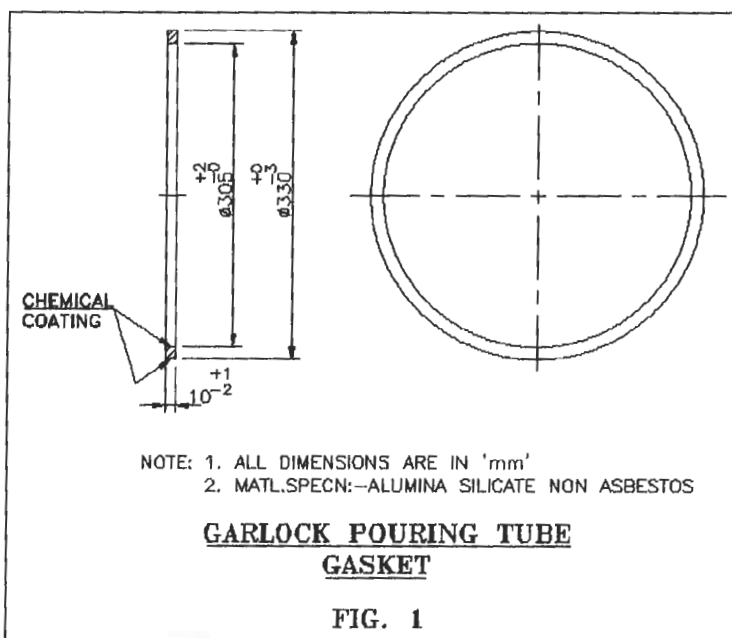
7.0 PACKING:

7.1 The supply shall be made in Cardboard Boxes in lots of about 20 Nos.

8.0 TEST CERTIFICATE:

8.1 Supplier should furnish Test Certificate for Clause 4.0. They should also detail the method of testing for the same.

8.2 Suppliers to provide the evidence for having successfully supplied the material for similar process applications.



<i>MS</i>	<i>MS</i>	<i>MS</i>	<i>MS</i>
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AMENDMENT SHEET

Alt	Date	Cl. No	Description	Job No	Sign
'b'	14-05-04		Revised and made in new format.	xxxx	<i>[Signature]</i> 24/5/04

<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i> 24/5/04	RWF-2015/04
CME <i>[Signature]</i>	CWE/Mfg <i>[Signature]</i>	104y.CME/Mfg	SSE/MDO
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