



MATERIAL - 10 mm THICK SBBGF Gr. EP3 COMPRISING OF THE FOLLOWING :-

- I) TENSILE STRENGTH --- 2500KG/5q.cm (Min)
- II) IMPACT STRENGTH --- 75KJ/m² (Min)
- III) COMPRESSIVE STRENGTH -- 4000 Kg/Sq. cm. (Min)
- IV) SHEAR STRENGTH --- 1000kg./Sq.cm (Min)
- VI) ELECT. STRENGTH --- MATERIAL SHOULD WITH STOOD AT 12KV/mm AT 90° (IN OIL) FOR 1MINUTE.
- VII) TEMP. WITHSTANDING CAPACITY --- 100°C. FOR 30 MINUTES, THERE SHOULD NOT BE ANY DEFORMATION TAKE PLACE IN THE MATERIAL.
- ⑧ VII) Flame Retardant test - As per Appendix-I.

- NOTES:-
1. ALL DIMENSIONS ARE IN mm AND GENERAL TOLERANCE ± 0.3 WHEREVER NOT SPECIFIED.
 2. COLOUR CODE :- FOR WAG-7 --- POST OFFICE RED COLOUR NO.578 OF IS:5-5-94 AND WAP-- OXFORD BLUE COLOUR NO.-185 OF IS-5-94
 3. THIS DRG. SUPERSEDED DRG. NO.- CLW/4P/7009/82 ALT.- B
 4. MATERIAL SHOULD BE GOOD WORK MANSHIP AND SMOOTH SURFACE.
 5. MANUFACTURES SHALL ENGRAVE/EMBOSS PERMANENT IDENTIFICATION MARK INDICATING THEIR NAME/MONOGRAM, MONTH AND YEAR OF MANUFACTURE.

B	DY/REP/D	21.01.03	Flame Retardant test, sheet 2 of 2 added	Amangal
A	DY.CEE/D	13.8.02	EL. NO. V, VI & 1 REVISED AND 4, 5 ADDED.	Su 13/8
ALT. NO.	AUTHY.	DATE	DESCRIPTION	INITIAL

2		INSULATING SHEET	1	DRG/13
1		INSULATING SHEET	2	DRG/10/90
REF. NO.	CC NO	DESCRIPTION	QTY	WRTL. SPEEN. HA

WAG-7/WAP
INSULATING SHEET FOR
RPS ASSEMBLY

Chittaranjan
 उप.सु.वि.व. (वि.वि.)
 DY. CEE. (D)

चितरंजन रेल इंजन कारखाना
 चौक बंगल, मंगल
 CHITTARANJAN LOCOMOTIVE WORKS
 WEST BENGAL, INDIA
 क्रमांक/NO. CLW/ES/T - 23/A B
 दिनांक/DATE : 13-02-2001

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Flame Retardent Test

The test shall be carried out in still air, using a bunsen burner/blow lamp/ gas burner with an opening of 9mm. The burner shall be regulated to provide a flame 100mm and an inner blue core 50mm long. The centre line of the burner shall be inclined at an angle of 45° from the vertical.

The sample selected at random for testing shall be placed vertically and at right angle to the centre line of the burner. The sample shall be positioned so that the whole of its periphery is enveloped in flame upto distance of 100mm from the lower end and the sample is 35mm from the opening of the burner.

The flame shall be applied continuously for a period of at least one minute so that ignition takes place. The ignition must be of a subdued nature and must not spread noticeably. Any flame produce on the sample must be extinguished of its own accord within 30 seconds, after being withdrawn from the flame.

REVISION SHEET CHECKED

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WAG-7/WAF
Insulating sheet for
RPS Assembly


BY: S. S. (S.R.)
DY. CEE. (D)

CHITTARANJAN LOCOMOTIVE WORKS
WEST BENGAL, INDIA
WAG/NO. CLW/ES/I-23/B
Sdty./DATE :