

TEST SCHEDULE
(Reference No. – CBRI-GMP)

- 1. Name of the Laboratory** : Fire Research Laboratory
CSIR-Central Building Research Institute,
Roorkee-247 667
- 2. Name of the Party** : M/S GMP Technical Solutions Pvt. Ltd.,
Gunai Road, Mandala,
Via Barotiwala,
Distt- Solan
Himachal Pradesh
- 3. Name of the Test** : Fire Resistance Test
- 4. Date of Test** : December 30, 2014
- 5. Ambient Temperature** : 15 °C
- 6. Fire Exposure** : As per BS:476,Part 20 & 22
- 7. Applicability of Test Criteria** : Stability : Yes
: Integrity : Yes
: Insulation : No
- 8. Specimen Details** : Single Leaf Single Swing M.S Composite Fire Door
(Uninsulated)
- | Door Frame | | Door Panel |
|------------|-----------|------------|
| Height | : 2700 mm | 2650 mm |
| Width | : 1400 mm | 1315 mm |
| Thickness | : 143 mm | 44 mm |
- 9. Specimen Construction** : As shown in Figure 1 and Figure 2
(Drg. No. 01 and 02)
- 10. Door Type** : Uninsulated
- 11. Door Installation** : Opens outwards the furnace chamber
- 12. Intended Test Duration** : Two Hours.

Test Results

The data of evaluation reveals that the single leaf single swing M.S. composite fire door (uninsulated) specimen has been found to be able to withstand standard fire exposure for 120 minutes (One hundred twenty minutes only) with respect to **stability** and **integrity only**.


(Sushil Kumar)


(Narendra Kumar)


(Dr. Suvir Singh)

(Technical data provided in this schedule pertains to the specific sample submitted to the Institute and tested. CBRI's name or logo cannot be used for commercial purposes. All procedural, legal, and / or operational matters will be the responsibility of the party using these results. Accepting / Rejecting the results, partly or fully rests with the users agencies.)



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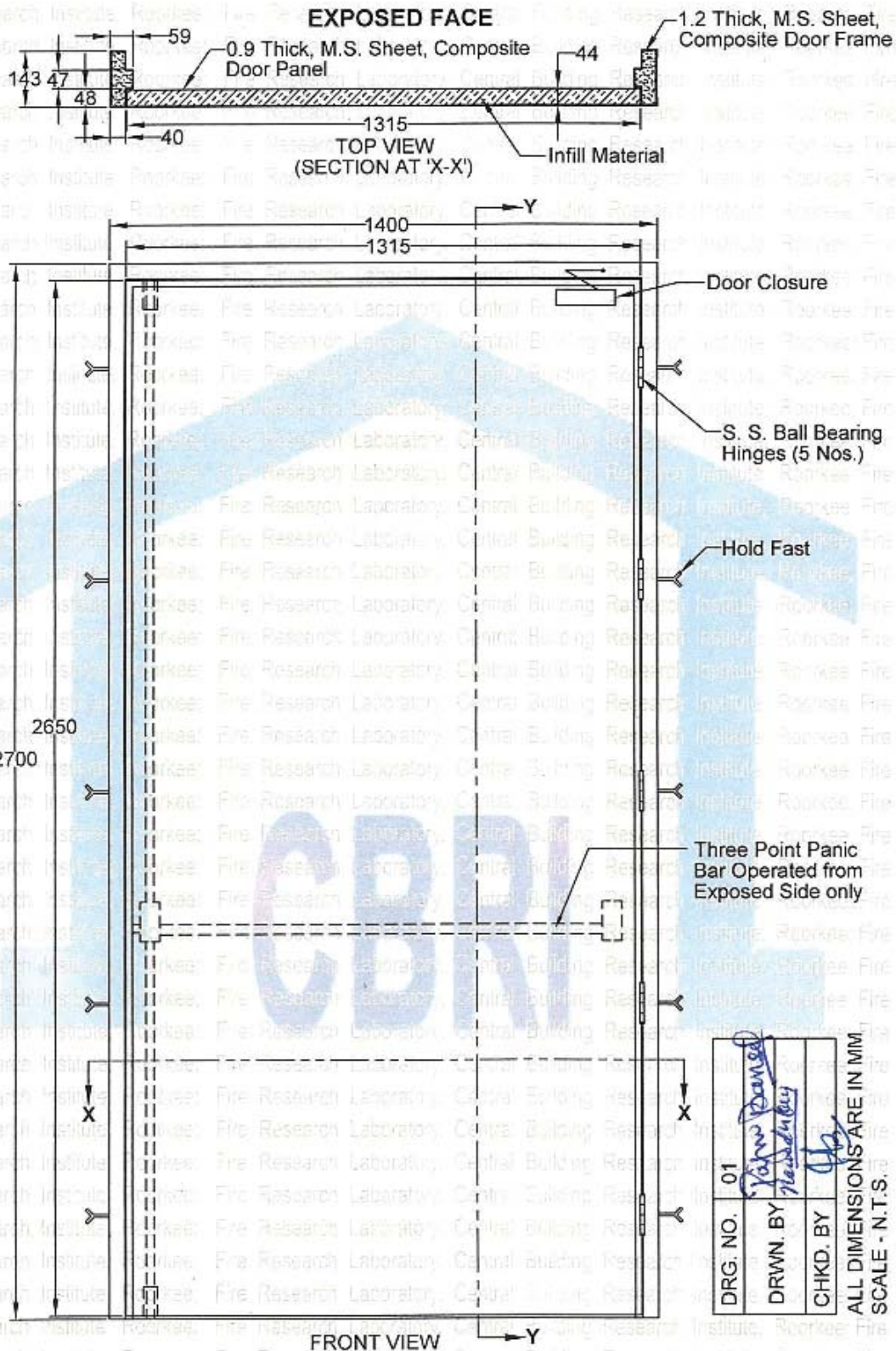


Figure 1: Construction Details of Single Leaf Single Swing M. S. Composite Fire Door (uninsulated) specimen evaluated for Fire Resistance on December 30, 2014.



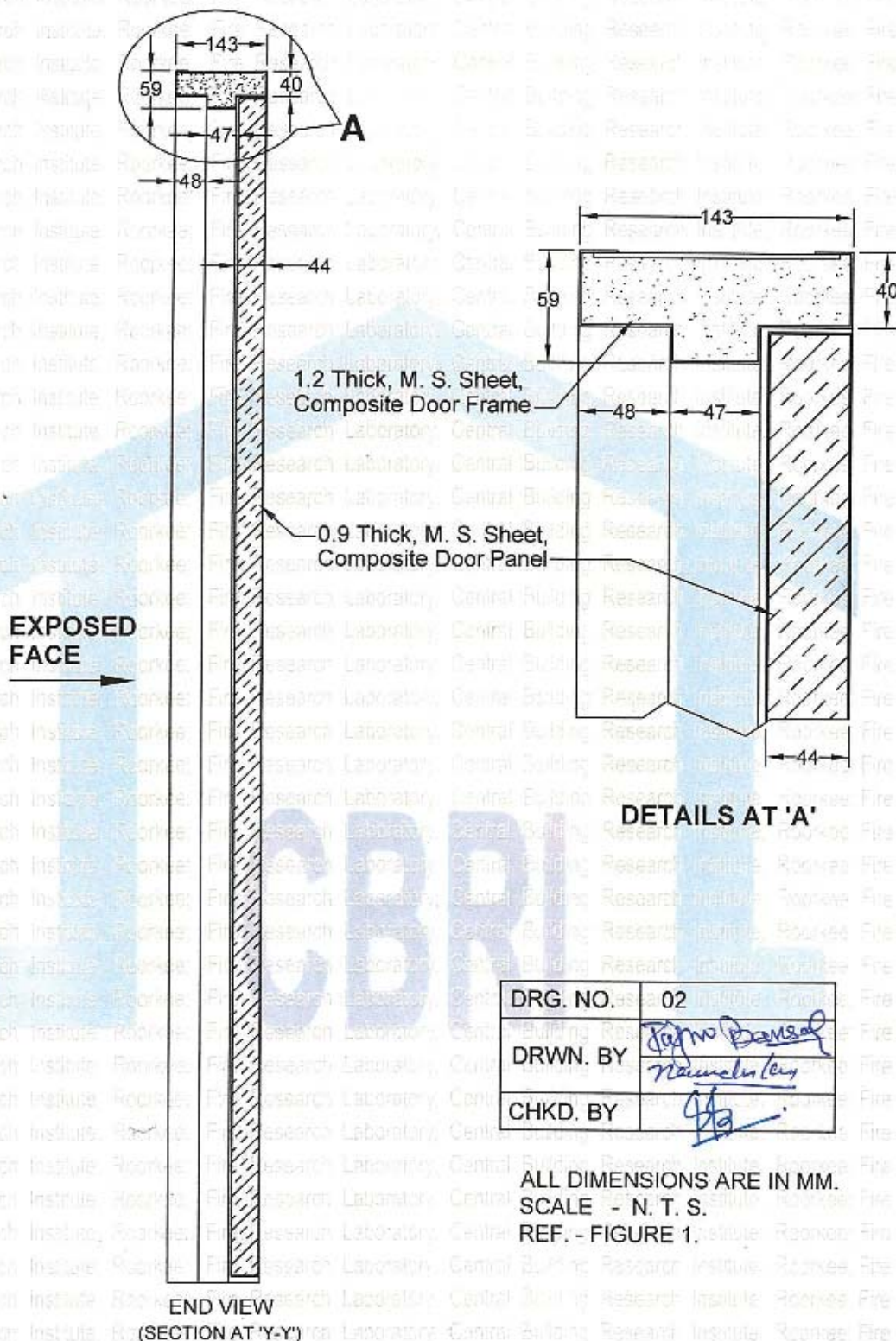
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DRG. NO.	02
DRWN. BY	<i>Jayno Bansal</i> <i>Namulnary</i>
CHKD. BY	<i>JA</i>

ALL DIMENSIONS ARE IN MM.
SCALE - N. T. S.
REF. - FIGURE 1.

Figure 2: Sectional details of Single Leaf Single Swing M. S. Composite Fire Door (uninsulated) specimen evaluated for Fire Resistance on December 30, 2014.



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