

TEST SCHEDULE 1/1
(Reference No. – FR / 0135)

1. Name of the Laboratory

: Fire Research Laboratory

2. Name of the Party

: CSIR-Central Building Research Institute,
Roorkee-247 667

3. Name of the Test

: M/s Iclean Hallow Metal System, Pvt. Ltd,
Survey No 21/3 & 26/3,
Gankapadu Village,
Anumanchipallo Panchayat, Jaggaiahpeta Madal,
Krishna District-521175 (A.P)

4. Date of Test

: Fire Resistance Test

5. Ambient Temperature

: August 24, 2015

6. Fire Exposure

: 28°C

7. Applicability of Test Criteria

: As per BS 476, Part 20 & 22, IS:3614 Part-2, 1998

: Stability Yes

: Integrity Yes

: Insulation No

8. Specimen Details

: Double Leaf Single Swing M.S Composite Fire Door with
Vision Panels

Door Frame

Height : 2995 mm

Width : 2390 mm

Thickness : 100 mm

Door Panel Thickness : 47 mm

9. Specimen Construction

: As shown in Figure 1 and Figure 2
(Drg. No. 1/1 – 0135(1) and 1/1- 0135(2))

10. Door Type

: Uninsulated

11. Door Installation

: Opens Outwards the furnace chamber

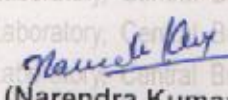
12. Indented Test Duration


: 120 Minutes

Test Results

The observations of the test reveals that the Double Leaf Single Swing M.S. Composite Fire Door (Uninsulated) with Vision Panel specimen has been found to be able to withstand standard fire exposure for 120 min. (One hundred twenty minutes only) with respect to **stability, and integrity only.**


(Sushil Kumar)


(Narendra Kumar)

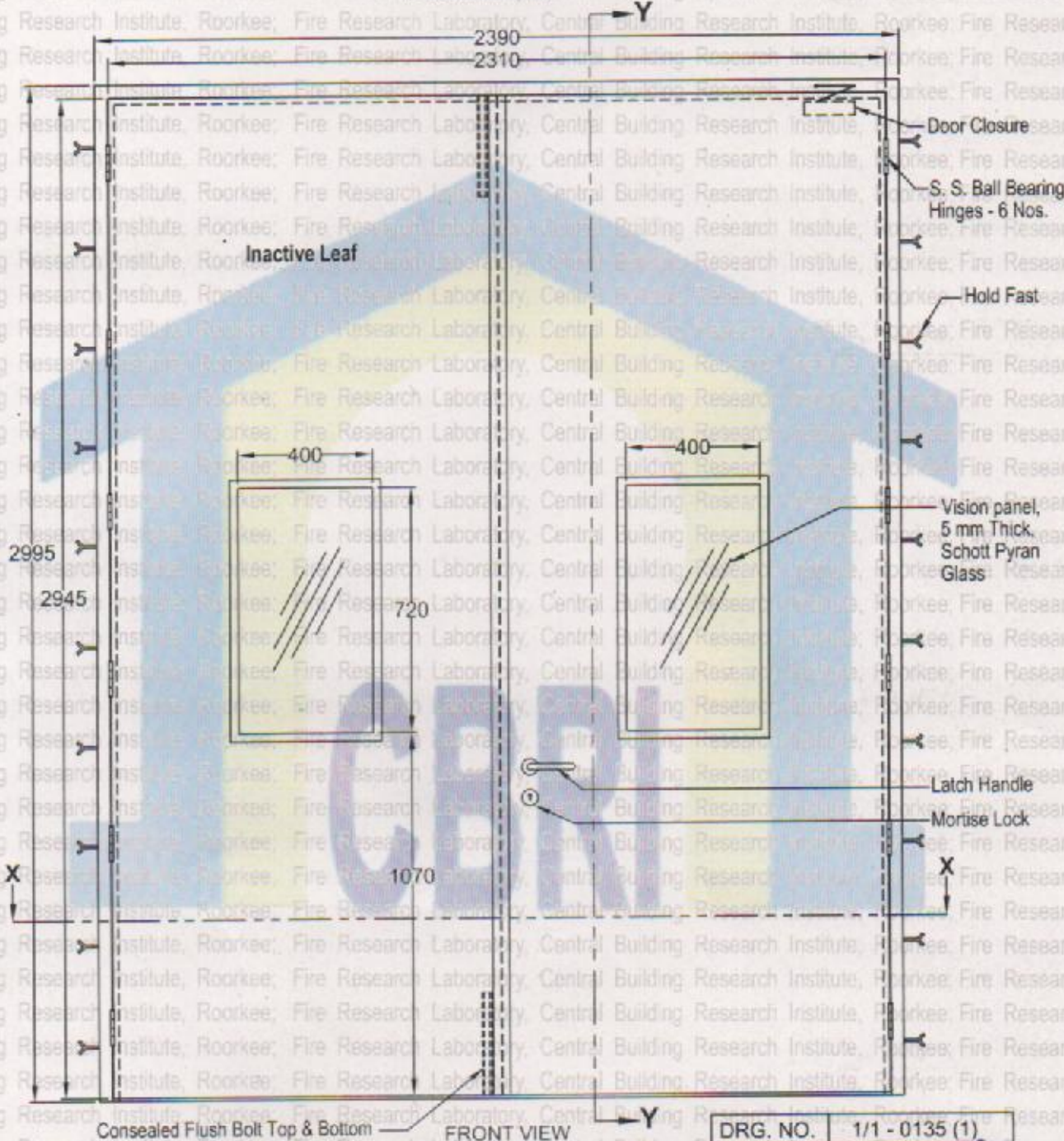
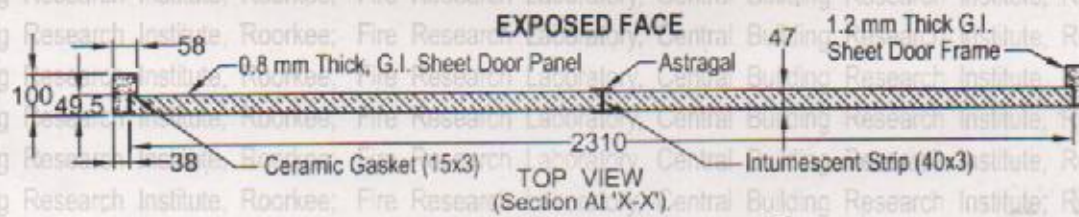

(Dr. Suvir Singh)

(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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Consealed Flush Bolt Top & Bottom

ALL DIMENSIONS ARE IN MM
SCALE - N.T.S.

DRG. NO.	1/1 - 0135 (1)
DRWN. BY	<i>Kajal Ranjan</i>
CHKD. BY	<i>Nayab Ali</i>

Fig. 1: Construction details of Double Leaf Single Swing M. S. Composite Fire Door (uninsulated) specimen evaluated for Fire Resistance on August 24, 2015.



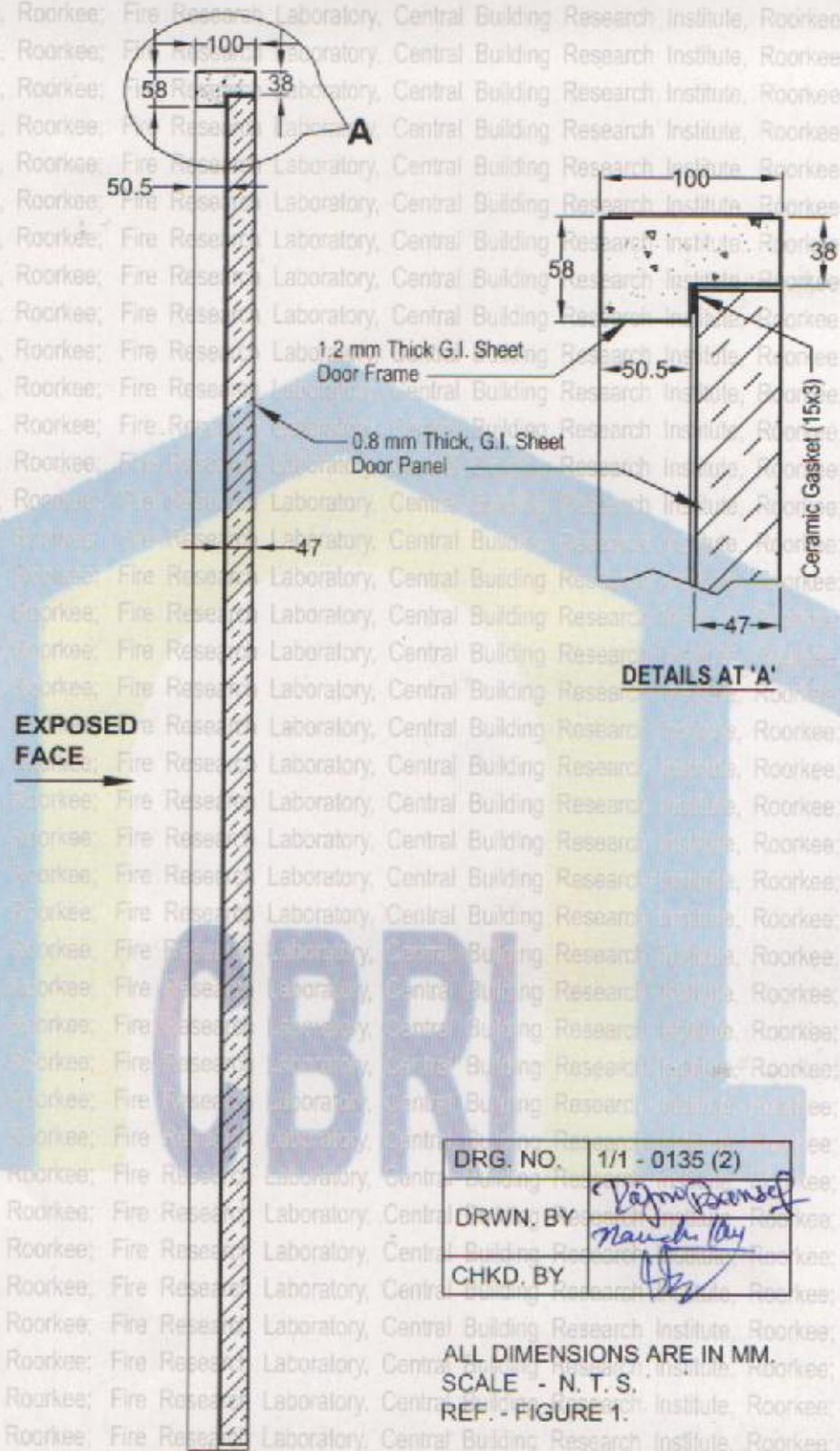
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DRG. NO.	1/1 - 0135 (2)
DRWN. BY	<i>Vajraj Singh</i>
CHKD. BY	<i>Naresh</i>

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

Fig. 2: Sectional details of Double Leaf Single Swing M. S. Composite Fire Door (uninsulated) specimen evaluated for Fire Resistance on August 24, 2015.



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