



भारत सरकार Government of India
राष्ट्रीय परीक्षण शाला (उ.क्षे.)
National Test House (NR)
राष्ट्रीय परीक्षण शाला (उ.क्षे.), कमला नेहरू नगर, गाज़ियाबाद, उत्तर प्रदेश – 201002
Kamla Nehru Nagar, Ghaziabad, Uttar Pradesh - 201002



Section Certificate No. : 23CHB00CN_1

NTH/NR/CHEM/CUST-02 ASTM E 119/BS 476 (As per Pt: 20 and 24)

PART B. SUPPLEMENTARY INFORMATION

1.	नमूना लेने की प्रक्रिया का संदर्भ, जहां लागू हो। Reference to sampling procedure, wherever applicable.	Not Applicable
2.	परीक्षण रिपोर्ट से संबंधित मापन एवं परिमाण प्रसि हेतु सहायक प्रलेख जैसे ग्राफ, तालिका, चित्र और / अथवा फोटोग्राफ, यदि कोई हो। Supporting documents for the measurements taken and results derived like graphs, table sketches and or photographs as appropriate to test certificate, if any.	Not Applicable
3.	सम्बद्ध मानक / कार्य निर्देशों में निर्धारित परीक्षण पद्धति से विचलन, यदि कोई हो। Deviation from the test methods as prescribed in relevant ISS/Work instruction, if any.	Not Applicable
4.	परीक्षण सामग्री की पहचान/identification of Test item	Mild steel (MS) pieces (3) painted with Intumescent (Flame Retardant) Panit.
5.	व्यावृत्त की प्राणाली की पहचान/Method(s) used for Test	AS PER CUSTOMER SPECIFICATION
6.	नमूना प्रक्रिया जहां प्रासंगिक हो/Sampling Procedure where relevant	-
7.	पर्यावरण की स्थिति/Environmental Conditions	AMBIENT
8.	उपयोग किए जाने वाले प्रमुख मानक/उपकरण/Major Standards/Equipments used	-
9.	कैलिब्रेशन स्थल/Site of Calibration	-
10.	मापन का पता लगाने की क्षमता/Traceability of Measurement	-

ANSHU MALA SHUKLA
OIC Testing/Calibration Chemical (General, Standard, Metal, Oil Fuel)
(Authorized Signatory)
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PART C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	1	As per Customer Requirement (Please see Annexure)	As per Customer Requirement (Please see Annexure)	-	-	-	Please see annexure.

Sudhakar Jaiswal
 Lab Sc. Testing/Calibration Chemical (General, Standard,
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Annexure

Section Code : 23CHB00CN Code No.	पृष्ठ Page	पृष्ठों की संख्या No of pages
23CHB00CN	1 of 1	1

Sample Description: Mild Steel painted with (Intumescent)flame retardant paint.

S. No.	Test Parameter	Result
1	Stability	There is no significant change in the shape of fire resistant coating on mild steel panel during fire resistance test. The coated panel has not collapsed and stayed for 120 minute of the fire resistance test.
2	Integrity	No crack, hole or opening observed after 120 minute of fire resistance test.
3	Insulation	Maximum average temperature on other side(Non –Coating side) of Coated mild steel Panel is 99.8 °C after 120 minute of fire resistance test.
4	Fire Resistance Properties	Fire does not propagate after removing the flame source.
5	Self Extinguished Properties	Fire self- extinguishes when flame source is removed.
6	Peel off after 120 minute	Coating remains bonded on mild steel Panel. No cracking and peel off observed.

Note: Test performed on Burner Flame continuously for 2 hour at 1000 °C.



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Part D.

REMARKS

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Notes

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