



भारत सरकार Government of India
राष्ट्रीय परीक्षण शाला (पश्चिमी क्षेत्र)
National Test House (WR)
राष्ट्रीय परीक्षण शाला (पश्चिमी क्षेत्र), प्लॉट नं. एफ -10, एम.आई.डी.सी., मरोल, अंधेरी
(पू.), मुंबई, महाराष्ट्र - 400093
Plot No. F - 10, M.I.D.C, Marol, Andheri (E), Mumbai
Maharashtra - 400093



PART A. PARTICULARS OF SAMPLE SUBMITTED

COMPLETE TEST CERTIFICATE

भाग 'अ' जमा किये गये नमूने का विवरण

परीक्षण प्रमाणपत्र सं/Test Certificate No:
NTH(WR)/M(L)/24/2375_1

SRF Number:
NTH(WR)/M(L)/24/2375

जारी होने की तिथि/Date of issue
27 Feb, 2024

कोड सं/QR Code
: NTH240047531

a) जिसे जारी करना है/Issued To	:	FIREBALL EXTINGUISHER CO
b) पता/Address	:	E-34, WALUJ TRADE CENTRE, MIDC AREA, WALUJ AURANGABAD, AURANGABAD, Aurangabad, Maharashtra, India - 431136
c) ग्राहक का संदर्भ सं एवं दिनांक/Customer's Ref. No.	:	FEB/2024. DATE: 29/01/2024
d) नमूना मुहरबंद स्थिति/Sample Sealed Status	:	Not Applicable
e) परीक्षण सामग्री का विवरण/Description of Test item	:	1)DIMENSION TEST OF BALL A) DIAMETER AND B)WEIGHT 2)PERFORMANCE TEST A) DROP TEST UPTO 7 FEET B) ACTIVATION TIME
f) नामपद्धति का विवरण/Description of Nomenclature	:	AS PER ATTACHMENT
g) नमूना का विशिष्टता (यदि हो)/Product Specification(if any)	:	NTH(WR)/MECH/CUSTOM/001 FIREEXTBALL OR THROW TYPE - FIRE EXTINGUISHER BALL OR THROW TYPE
h) नमूना प्राप्ति की तिथि /Date of Receipt of the Test item	:	16 Feb, 2024
i) कार्य सम्पादन की तिथि/Date(s) of Performance of Tests	:	From: 26 Feb, 2024 To: 27 Feb, 2024
j) Quantity	:	3.0 Nos
k) Any other Information / Expiry Date, if any	:	AS ATTACHED IN THE FILE
l) Section Code	:	24ME5C99P (Pages:4)
m) Section Certificate No.	:	24ME5C99P_1
n) Certificate Type	:	New
o) Reference Certificate No.	:	
p) Remarks	:	Read with Part B, C & D

Santhosh S
OIC SAMPLE CELL
(Authorized Signatory)
Authorized on: 27 Feb, 2024 12:47 PM

Signature Not Verified

This certificate cannot be reproduced except in full, unless permission has been obtained. This Test/Calibration Certificate is valid only for the sample/items submitted to the laboratory for Test/Calibration. The Conformity Statement is based on the limiting values of the Product Specification.

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सत्यमेव जयते

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Section Certificate No. : 24ME5C99P_1

NTH(WR)/MECH/CUSTOM/001 FIREEXTBALL OR THROW TYPE

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 प्रती 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	Fireball- Fire extinguisher Ball or through type- Liquid/ Water Base Extinguisher, B.N.: FBAB2024011280019, Mfg.Date: 20-01-2024 Exp.Date: 19-01-2029 Make: Fireball Extinguisher Co. Aurangabad (M.S), India Qty:02 Nos.
5.	व्यावृत्त की प्राणाली की पहचान/Method(s) used for Test	SOP ref. NTH (WR)/Mech/Custom/001 and as per Manufacturers Instruction/Specification
6.	नमूना प्रक्रिया जहां प्रासंगिक हो/Sampling Procedure where relevant	Sampling Not Applicable. Sample drawn by the customer.
7.	पर्यावरण की स्थिति/Environmental Conditions	Ambient
8.	उपयोग किए जाने वाले प्रमुख मानक/उपकरण/Major Standards/Equipments used	NTH (WR)/Mech/Custom/001 Fire Ext. Ball or Throw Type - Fire Extinguisher Ball or Throw Type
9.	कैलिब्रेशन स्थल/Site of Calibration	-
10.	मापन का पता लगाने की क्षमता/Traceability of Measurement	-

Kuppuraj Paramasivam
OIC Testing/Calibration Mechanical (Testing/Calibration)
(Authorized Signatory)
Authorized on: 27 Feb, 2024 11:46 AM

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NTH(WR)/MECH/CUSTOM/001 FIREEXTBALL OR THROW TYPE

PART C. TEST RESULT


S.No.	Clause No Table No. SI. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	7	Total Fire Extinguish Time	Standard Method.	-	-	-	Total Fire Extinguish Time :- Total Fire Extinguishing time Six Seconds after dropping in fire and fire getting extinguished.
2	7	Activation Time	Time taken for bursting the ball after dropping in to the Fire.	-	-	-	Activation Time :- Two seconds after dropping in wood fire container of approx. 60 cm diameter.
3	7	Performance Test (Visual Observation)	Standard Method	-	-	-	Fire Extinguisher ball was dropped in wood fire which was ignited in a drum of approx. 60 cm diameter .Fire extinguisher exploded and liquid fire extinguishing agent extinguished the fire. No re-ignition of fire was observed.
4	6	Drop or Throwing Distance	Standard method Using Measuring tape.	-	-	-	Fire Extinguisher ball was dropped vertically with the mouth of the extinguisher on top from a height of Seven feet . No crack ,tear or leakage of the Extinguishing agent (Liquid) observed.
5	4	Gross weight	Standard Method by using weighing Balance	-	-	-	Gross weight ,Kg :- 2.349
6	4	Net weight	Standard method by using Weighing Balance	-	-	-	Net Weight of Fire Extinguisher ,Kg :- 2.201 (Liquid filled inside the ball)
7	2	Outside Diameter	Standard method by using Vernier caliper.	-	-	-	Outside Diameter, mm:- 164.31 (Avg.)
8	2	Thickness of the Shell.	Standard method by using Micrometers.	-	-	-	a) Thickness of the Shell, mm :- 0.718 (Avg.) b) Max. Thickness ,mm :- 0.962 b) Min. Thickness, mm :- 0.545
		General appearance (Visual Observation)	Visual Observation of the Fire Extinguisher Ball/Cylinder.	-	-	-	No Cracks ,Tear or leakage of the extinguish agent (Liquid) observed on the shell.

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Udaykumar Pradhan
Lab Sc. Testing/Calibration Mechanical (Testing/
Calibration)
 (Authorized Signatory)

Kuppuraj Paramasivam
OIC Testing/Calibration Mechanical (Testing/Calibration)
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Part D.

REMARKS

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Notes

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