

Form No : NTH/SL/F/5A



सत्यमेव जयते

TEST CERTIFICATE



भारत सरकार

उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय

Government of India

Ministry of Consumer Affairs, Food and Public Distribution

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)

National Test House

ब्लॉक - सी पी, सेक्टर - V, साल्ट लेक सीटी, कोलकाता - 700 091

Block-CP, Sector-V, Salt Lake City, Kolkata - 700 091

Phone : 91-33-2367-3429 / 3430 / 3431 / 3871 / 9741 / 3308, Fax : 91-33-2367 3871 / 3308

email : nthsal-wb@nic.in



सत्यमेव जयते

भारत सरकार
Government of India

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)
National Test House (Eastern Region)

ब्लॉक - सी पी, सेक्टर - 5, साल्ट लेक सिटी, कोलकाता - 700 091
Block-CP, Sector-V, Salt Lake City, Kolkata - 700 091

परीक्षण प्रमाण पत्र

FORM NO : NTH/SL/F/5



Number of Copies issued Single

TEST CERTIFICATE

INTERIM/FINAL REPORT

परीक्षण प्रमाण पत्र सं
Test Certificate No

जारी होने की तिथि

कोड नं

पृष्ठ

पृष्ठों की संख्या

NTH(ER)/EL(LP)/2021/0031

Date of Issue
21/06/2021

Code No
1623750063465

Page
1

No of Pages
2

जिसे जारी करना है

ELITECK INDUSTRIES PVT. LTD.

Issued To

पता

E3, Sreenagar Main Road, Kolkata-700094

Address

ग्राहक का संदर्भ सं एवं दिनांक
Customer's Ref. No.

NIL

Date: 11/06/2021

पंजिका सं एवं दिनांक
Register No & Date

0031/NTH(ER)/EL(LP)/15/06/2021

परीक्षण सामग्री का विवरण
Description of Test Item

One Sample stated to be Molecular Hydrogen Oxygen
Generator, Brand: "ELITECK", Model: ET/ILM/2021.

परीक्षण सामग्री का पहचान
Identification of Test Item

Marking:As in attached sheet "Annexure".

नमूना का विशिष्टि (यदि हों)
Product Specification (if any)

Not Applicable.

नमूना प्राप्ति की तिथि
Date of Receipt of the Test Item

15/06/2021

कार्य सम्पादन की तिथि
Date(s) of Performance of Tests

From: 15/06/2021

To: 17/06/2021

व्यावहृत प्रणाली का पहचान
Method(s) used for Test

On the lines of IS 302-1(2008), IS: 9000 Part 3 & 4, and
Customer Requirement.

नमूना प्रक्रिया जहाँ प्रासंगिक हों
Sampling Procedure where relevant

Not Applicable.

Tested By

Checked By

Approved By

Anirban Guha
SO Electrical

Dr. Kalyan Sundar Pal
SO Electrical

Vishwa Nath Gupta
Scientist- C (Electrical)



सत्यमेव जयते

भारत सरकार
Government of India

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)
National Test House (Eastern Region)

ब्लॉक - सी पी, सेक्टर - 5, साल्ट लेक सीटी, कोलकाता - 700 091
Block-CP, Sector-V, Salt Lake City, Kolkata - 700 091

परीक्षण प्रमाण पत्र

FORM NO : NTH/SL/F/5



Number of Copies issued Single

TEST CERTIFICATE

INTERIM/FINAL REPORT

परीक्षण प्रमाण पत्र सं

Test Certificate No

NTH(ER)/EL(LP)/2021/0031

जारी होने की तिथि

Date of Issue

21/06/2021

कोड नं

Code No

1623750063465

पृष्ठ

Page

2

पृष्ठों की संख्या

No of Pages

2

Sl. No.

Test Name

Test Result

Limit

1

Discrete Test

As in attached sheet "Annexure"

As in attached
Sheet "Annexure"

टिप्पणी

Note

Results offered against individual tests.

कैफियत

Remarks

Tested By

Anirban Guha

SO Electrical

Checked By

Dr. Kalyan Sundar Pal

SO Electrical

Approved By

Vishwa Nath Gupta

Scientist- C (Electrical)



सत्यमेव जयते

भारत सरकार
Government of India

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)
National Test House (Eastern Region)

ब्लॉक - सी पी, सेक्टर - 5, साल्ट लेक सिटी, कोलकाता - 700 091
Block-CP, Sector-V, Salt Lake City, Kolkata - 700 091

FORM NO : NTH/SL/F/5



TEST CERTIFICATE

Test certificate no
NTH(ER)/EL(LP)/2021/0031

Date of Issue
21/06/2021

Code No
1623750063465

Page 1 No. of Pages 2

"Annexure"

A) Markings:
(On the sample)



Sample was marked as EL-100207 for laboratory identification purpose.

B) Tests:

Sl. No.	Test Parameter	Test Result
I. Physical Verification		
i.	Dimension in mm (Nominal)	Length : 435 Height : 404 Width : 155
ii.	Weight (kg)	16.9
iii.	Indicator	Three nos. Electrolyte Level Indicator Provided

Tested By

Anirban Guha
SO Electrical

Checked By

Dr. Kalyan Sundar Pal
SO Electrical

Approved By

Vishwa Nath Gupta
Scientist-C (Electrical)



सत्यमेव जयते

भारत सरकार
Government of India

राष्ट्रीय परीक्षण शाला (पूर्वी क्षेत्र)
National Test House (Eastern Region)

ब्लॉक - सी पी, सेक्टर - 5, साल्ट लेक सिटी, कोलकाता - 700 091
Block-CP, Sector-V, Salt Lake City, Kolkata - 700 091

FORM NO : NTH/SL/F/5



TEST CERTIFICATE

Test certificate no
NTH(ER)/EL(LP)/2021/0031

Date of Issue
21/06/2021

Code No
1623750063465

Page 2 No. of Pages 2

"Annexure"

Sl. No.	Test Parameter	Test Result
2. Performance Test:		
i.	Input Voltage (V):	220.27
ii.	Input Current (A):	1.2432
iii.	Input Power (Watt):	144.45
iv.	Power Factor:	0.5254
v.	Sound Noise (dB)	41.6
3. Electrical Safety Test:		
i.	Insulation Resistance in MΩ measured at 500V DC.	>550
ii.	High Voltage Test: At 1500 V at 50 Hz applied between Line & Neutral shorted together and Earth for 1 minute	Satisfactory, withstood 1500V at 50 Hz for 1 minute as no breakdown or flashover occurred.
iii.	Protection against access to live parts: (Standard Test Finger)	Satisfactory, as adequate protection found against accidental contact with live parts.
iv.	Leakage Current (mA) :	0.05
4. Environmental Test		
i.	Dry Heat Test: Temperature: 55°C Duration: 24 hours	No physical deterioration observed & the equipment found functional after the test.
ii.	Damp Heat Test: Temperature: 40°C RH : 95% Duration: 16 hours	No physical deterioration observed & the equipment found functional after the test.

*** End of Test Certificate***

Tested By

Anirban Guha
SO Electrical

Checked By

Dr. Kalyan Sundar Pal
SO Electrical

Approved By

Vishwa Nath Gupta
Scientist-C (Electrical)

NTH

100 Years in Consumer Service for the Nation
(Estd. 1912)

NATIONAL TEST HOUSE

Government of India
Website : <http://www.nth.gov.in>

CONTACT US

Laboratories

▶ **Director,
National Test House(ER)**

Block- CP, Sector - V
Salt Lake City, Kolkata-700091
Tel : 91-33-2367-3871 / 9741 / 3308
91-33-2367-3429/30/31 (EPBX)
Tel / Fax : 91-33-2367-3871/3308
e-mail : nthlal-wb@nic.in

▶ **Scientist-In-Charge,
National Test House(ER),**

11/1, Judges' Court Road, Alipore,
Kolkata - 700 027
Tel : 91-33-2479-3510,
91-33-2449 8027,2479-1534 (EPBX)
Fax : 91-33-2449-8026
e-mail: nthkol-wb@nic.in

▶ **Director,
National Test House(WR),**

Plot No. F-IO, MIDC, Marol,
Andheri (E), Mumbai-400 093
Tel: 91-22-2834-1483, 2835-2350, 2835-2341
Fax : 91-22-2834-1767
e-mail : nthwr@mtnl.net.in

▶ **Director,
National Test House(SR),**

Taramani, Chennai-600113
Tel : 91-44-2243-2374 / 2243-1157
Fax : 91-44-2243-3158
e-mail: nthsr@tn.nic.in/nthsr@dataone.in

▶ **Director,
National Test House (NR),**

Kamla Nehru Nagar,
Ghaziabad-201002.
Tel: 91-120-2789-906/813/ 493
Fax : 91-120-2789-883
e-mail : nthnr_ca@nic.in

▶ **Scientist-In-Charge,
National Test House(NWR),**

E-763, Road No. 9F1
VKI Area, Jaipur - 302013
Tel : 91-141-2174-979/2175-318
Ttel / Fax: 91-141-2330-074
e-mail : nthipur_ca@nic.in

▶ **Scientist-In-Charge,
National Test House (NER)**

C.I.T.I Complex, Kalapahar,
Guwahati-781 016.
Tel: 91-361-247-7405/247-1938
Tel / Fax: 91-361-247-1938
e-mail : nthner@gmail.com

Headquarters

**Director General,
National Test House**
Block-CP, Sector-V, Salt Lake City, Kolkata-700 091
Tel: 91-33-2367-3870/3872/3869
Fax: 91-33-2367-3868/3869
e-mail: dgnth-wb@nic.in

Your valued feedback will help us to improve