



भारत सरकार Government of India

राष्ट्रीय परीक्षण शाला (पू.क्षे.)

National Test House (ER)

राष्ट्रीय परीक्षण शाला (पू.क्षे.), ब्लॉक-सी.पी., सेक्टर-V, सॉल्ट लेक, कोलकाता, पश्चिम बंगाल - 700091
Block-C.P, Sector-V, Salt Lake, Kolkata, West Bengal - 700091



सत्यमेव जयते

PART A. PARTICULARS OF SAMPLE SUBMITTED

CALIBRATION CERTIFICATE

भाग 'अ' जमा किये गये नमूने का विवरण

परीक्षण प्रमाणपत्र सं/Test Certificate No:
NTH(ER)/CAL(M)/22/108_1

SRF Number:
NTH(ER)/CAL(M)/22/108

जारी होने की तिथि/Date of issue
27 Jul, 2022

कोड सं/QR Code/Barcode
: NTH220000949

a) जिसे जारी करना है/Issued To	:	ANJANADRI PRECAST PRIVATE LIMITED
b) पता/Address	:	DAG NO 1182, KH NO 212, JL NO 1219, MAUJA-RUPNARYANPUR, PO-JAKPUR, Kharagpur, Medinipur West, West Bengal, India - 721301
c) ग्राहक का संदर्भ सं एवं दिनांक/Customer's Ref. No.	:	NIL dated 17.07.2022
d) नमूना मुहरबंद स्थिति/Sample Sealed Status	:	Not Sealed
e) परीक्षण सामग्री का विवरण/Description of Test item	:	
f) नमूना का विशिष्टता (यदि हो)/Product Specification(if any)	:	IS 3624 (1987) - Specification for pressure and vacuum gauges (Second Revision)
g) नमूना प्राप्ति की तिथि /Date of Receipt of the Test item	:	19 Jul, 2022
h) कार्य सम्पादन की तिथि/Date(s) of Performance of Tests	:	From: 26 Jul, 2022 To: 27 Jul, 2022
i) Quantity	:	1.0 set
j) Any other Information / Expiry Date, if any	:	Calibration
k) Section Code	:	22ME6929N
l) Section Report No.	:	22ME6929N_1
m) Report Type	:	New
n) Reference Report No.	:	
o) Remarks	:	Dear Customer, Please find the Calibration Report.

GEORGE T V
OIC SAMPLE CELL
(Authorized Signatory)

Authorized on: 27 Jul, 2022 14:55 PM

1. The certificate relates only to Test/Calibration item submitted to the laboratory for Testing/Calibration. This certificate cannot be reproduced except in full without written approval of the competent Authority of NTH.
2. This test report is ONLY FOR THE SAMPLE TESTED.

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Section Report No. : 22ME6929N_1

IS 3624 (1987)

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 report, 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 का पहचान/identification of Test item | LOAD GAUGE, Range: 0 - 120T |
| 5. | व्यावर्त का प्राणाली की पहचान/Method(s) used for Test | On the lines of IS 3624: 1987 |
| 6. | नमूना प्रक्रिया जहां प्रासंगिक हो/Sampling Procedure where relevant | NA |

Ramesh Arora
OIC Testing/Calibration Mechanical (Testing/Calibration)
(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	14	Pressure	Mechanical Calibration	-	-	-	As per 'Annexure'
 Priyo Premasish Das Lab Sc. Testing/Calibration Mechanical (Testing/ Calibration) (Authorized Signatory)				 Ramesh Arora OIC Testing/Calibration Mechanical (Testing/Calibration) (Authorized Signatory) Authorized on: 27 Jul, 2022 14:50 PM			

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PART D. REMARKS

PART D. Notes


Ramesh Arora

OIC Testing/Calibration Mechanical (Testing/Calibration)

(Authorized Signatory)

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ANNEXURE

Section Code : 22ME6929N

1. Date of Calibration 26.07.2022
2. Next Calibration Due On 26.07.2023
3. Description of Sample Load Gauge, Range: 0 to 120 Tonne on ram dia 15.24 cm by Main scale division of 10 Tonne and Sub-division of 1 Tonne. Markings on dial : TONNES LOAD ON RAM DIA 15.24 cm., 1DIV= 1 TONNE LOAD, G-18-1207.
4. Identification of Method used On the lines of IS 3624:1987 (RA 2018)
5. Environmental Conditions Temperature: 23 deg. C +/-1 deg. C
6. Major Standards/Equipments used Standard Test Gauge with Comparator
7. Site of Calibration Permanent Laboratory
8. Traceability of Measurements NPL New Delhi through Internal Calibration vide Calibration Certificate No. NTH(ER)/SL/M/Cali(P)/Internal/2022/01 Dated 03.01.2022
9. NTH Identification Mark on Calibration Sticker 22ME6929N
10. Measurement Uncertainty (+/-) 0.38% of full scale reading.
(at 95% confidence level for K=2)
11. Results of Calibration

Actual Pressure applied in kg/cm ² at different test points	Equivalent True Load in Tonne on ram dia 15.24 cm	Corresponding Readings of gauge in Tonne	Error at different test points in Tonne
0	0	0	0
110	20.0	20.0	0.0
220	40.0	39.0	-1.0
330	60.0	58.0	-2.0
440	80.0	78.0	-2.0
550	100.0	99.0	-1.0
660	120.0	120.0	0.0

Priyo Premasish Das

Priyo Premasish Das
Lab Sc. Testing/Calibration
Mechanical (Testing/Calibration)
(Authorized Signatory)

Ramesh Arora

Ramesh Arora
OIC Testing/Calibration
Mechanical (Testing/Calibration)
(Authorized Signatory)