



सत्यमेव जयते

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 (ए.), 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)/CH(P)/23/906_1	SRF Number: NTH(WR)/CH(P)/23/906	जारी होने की तिथि/Date of issue 03 May, 2023	कोड सं/QR Code : NTH230017837
a) जिसे जारी करना है/Issued To	:	ITS Coatings Pvt Ltd	
b) पता/Address	:	10-11 Creative Estate N.M. Joshi Marg Lower Parel [E], Mumbai, Mumbai, Maharashtra, India - 400011	
c) ग्राहक का संदर्भ सं एवं दिनांक/Customer's Ref. No.	:	-	
d) नमूना मुहरबंद स्थिति/Sample Sealed Status	:	Not Sealed	
e) परीक्षण सामग्री का विवरण/Description of Test item	:	iTraff™ ECOPRO-KR Acrylic Waterborne Traffic Paint - White	
e) नामपद्धति का विवरण/Description of Nomenclature	:	iTraff™ ECOPRO-KR Acrylic Waterborne Traffic Paint	
f) नमूना का विशिष्टता (यदि हो)/Product Specification(if any)	:	IS 164 (2015) - Ready mixed paint for road marking - Specification (Second Revision)	
g) नमूना प्राप्त की तिथि /Date of Receipt of the Test item	:	02 Mar, 2023	
h) कार्य सम्पादन की तिथि/Date(s)of Performance of Tests	:	From: 16 Mar, 2023 To: 03 May, 2023	
i) Quantity	:	1.0 1.5 Litres	
j) Any other Information / Expiry Date, If any	:	None	
k) Section Code	:	23CHPCE59N	
l) Section Report No.	:	23CHPCE59N_1	
m) Report Type	:	New	
n) Reference Report No.	:		
o) Remarks	:	NA	

Hemchandra Meshram
OIC SAMPLE CELL
(Authorized Signatory)
Authorized on: 03 May, 2023 15:01 PM

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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



Section Report No. : 23CHPCE59N_1

IS 164 (2015)

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 प्रप्ति 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 की पहचान/identification of Test item	Received sample of iTraff™ ECOPRO-KR Acrylic Waterborne Traffic Paint - White, Batch No. EPW-TC-WH-002-0123, Mfg. Date- Jan 2023.
5.	व्यावृत्त की प्राणाली की पहचान/Method(s) used for Test	As refer in IS 164 : 2015
6.	नमूना प्रक्रिया जहां प्रासंगिक हो/Sampling Procedure where relevant	Not Applicable
7.	पर्यावरण की स्थिति/Environmental Conditions	As specified in the specification
8.	उपयोग किए जाने वाले प्रमुख मानक/उपकरण/Major Standards/Equipments used	-
9.	कैलिब्रेशन स्थल/Site of Calibration	Not Applicable
10.	मापन का पता लगाने की क्षमता/Traceability of Measurement	-

Dr. Mangesh Pandharinath Gharpure
OIC Testing/Calibration Chemical (Paint, High Polymer, Outdoor)
(Authorized Signatory)
Authorized on: 03 May, 2023 13:34 PM

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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



Section Report No. : 23CHPCE59N_1

IS 164 (2015)

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	5.2	Applications (Annex B)	-	-	-	-	Suitable for application by brushing without any appreciable drag on the brush at room temperature.
2	5.3	Durability (Annex C)	-	-	-	-	Satisfactory. There is no flaking, peeling, fading, or breakdown of the paint film.
3	ii	Consistency (Annex D)	Smooth and uniform	-	-	-	Smooth and uniform

Prasanna Muley
Lab Sc. Testing/Calibration Chemical (Paint, High Polymer,
Outdoor)
(Authorized Signatory)

Dr. Mangesh Pandharinath Gharpure
OIC Testing/Calibration Chemical (Paint, High Polymer,
Outdoor)
(Authorized Signatory)
Authorized on: 03 May, 2023 13:34 PM

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महाराष्ट्र - 400093

**Plot No. F - 10, M.I.D.C, Marol, Andheri (E), Mumbai Maharashtra -
400093**



Section Report No. : 23CHPCE59N_1

IS 164 (2015)

PART D. REMARKS

The sample meets the requirement as per IS 164:2015 specification in respect of the above tested parameters for Grade 2.

PART D. Notes

The remark conformity statement is given based upon the limiting values as per IS 164:2015 specification without considering measurement uncertainty.

Dr. Mangesh Pandharinath Gharpure
OIC Testing/Calibration Chemical (Paint, High Polymer, Outdoor)
(Authorized Signatory)
Authorized on: 03 May, 2023 13:34 PM

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National Test House (WR)
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मरोल, अंधेरी (ए.), मुंबई, महाराष्ट्र - 400093
Plot No. F - 10, M.I.D.C, Marol, Andheri (E), Mumbai
Maharashtra - 400093



TC-7185

ULR : TC718523100001013F

NABL A. PARTICULARS OF SAMPLE SUBMITTED

COMPLETE TEST CERTIFICATE

भाग 'अ' जमा किये गये नमूने का विवरण

परीक्षण प्रमाणपत्र सं/Test Certificate No:
NABL/NTH(WR)/CH(P)/23/906_1

SRF Number:
NTH(WR)/CH(P)/23/906

जारी होने की तिथि/Date of issue
03 May, 2023

कोड सं/QR Code
: NTH230017837

a) जिसे जारी करना है/Issued To	:	ITS Coatings Pvt Ltd
b) पता/Address	:	10-11 Creative Estate N.M. Joshi Marg Lower Parel [E], Mumbai, Mumbai, Maharashtra, India - 400011
c) ग्राहक का संदर्भ सं एवं दिनांक/Customer's Ref. No.	:	-
d) नमूना मुहरबंद स्थिति/Sample Sealed Status	:	Not Sealed
e) परीक्षण सामग्री का विवरण/Description of Test item	:	iTraff™ ECOPRO-KR Acrylic Waterborne Traffic Paint - White
e) नामपद्धति का विवरण/Description of Nomenclature	:	iTraff™ ECOPRO-KR Acrylic Waterborne Traffic Paint
f) नमूना का विशिष्टता (यदि हो)/Product Specification(if any)	:	IS 164 (2015)
g) नमूना प्राप्त की तिथि /Date of Receipt of the Test item	:	02 Mar, 2023
h) कार्य सम्पादन की तिथि/Date(s)of Performance of Tests	:	From: 16 Mar, 2023 To: 03 May, 2023
i) Quantity	:	1.0 1.5 Litres
j) Any other Information / Expiry Date, If any	:	None
k) Section Code	:	23CHPCE59N_NABL
l) Section Report No.	:	23CHPCE59N_1_NABL
m) Report Type	:	New
n) Reference Report No.	:	
o) Remarks	:	NA

Hemchandra Meshram
OIC SAMPLE CELL
(Authorized Signatory)
Authorized on: 03 May, 2023 15:01 PM

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मरोल, अंधेरी (ए.), मुंबई, महाराष्ट्र - 400093
Plot No. F - 10, M.I.D.C, Marol, Andheri (E), Mumbai
Maharashtra - 400093



ULR : TC718523100001013F

Section Report No. : 23CHPCE59N_1

IS 164 (2015)

NABL 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 प्रप्ति 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.	सम्बन्ध 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	Received sample of iTraff™ ECOPRO-KR Acrylic Waterborne Traffic Paint - White, Batch No. EPW-TC-WH-002-0123, Mfg. Date- Jan 2023.
5.	व्यावृत्त की प्राणाली की पहचान/Method(s) used for Test	As refer in IS 164 : 2015
6.	नमूना प्रक्रिया जहां प्रासंगिक हो/Sampling Procedure where relevant	Not Applicable
7.	पर्यावरण की स्थिति/Environmental Conditions	As specified in the specification
8.	उपयोग किए जाने वाले प्रमुख मानक/उपकरण/Major Standards/Equipments used	-
9.	कैलिब्रेशन स्थल/Site of Calibration	Not Applicable
10.	मापन का पता लगाने की क्षमता/Traceability of Measurement	-

Dr. Mangesh Pandharinath Gharpure
OIC Testing/Calibration Chemical (Paint, High Polymer, Outdoor)
(Authorized Signatory)
Authorized on: 03 May, 2023 13:34 PM

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 राष्ट्रीय परीक्षण शाला (पश्चिमी क्षेत्र), प्लॉट नं. एफ-10, एम.आई.डी.सी.,
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Maharashtra - 400093



ULR : TC718523100001013F

Section Report No. : 23CHPCE59N_1

IS 164 (2015)

NABL 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	5.4	Lead Restriction, Max, (IS 101 (Part 8/ Sec 5))	-	-	-	-	Nil
2	5.5 table 1 i	Drying time, Max a) Surface dry (IS 101 (Part 3/Sec 1))	-	-	-	-	Less than 30 minutes
3	i	Drying time, Max b) Hard dry (IS 101 (Part 3/Sec 1))	-	-	-	-	Less than 60 minutes
4	iii	Finish (IS 101 (Part 3/ Sec 4))	Smooth and matt to semi-glossy	-	-	-	Smooth and matt
5	iv	Colour (IS 101 (Part 4/Sec 2))	-	-	-	-	White
6	v	Wet Opacity (IS 101 (Part 4/Sec 1))	-	-	-	Sq. meter /10 liter	114.65
7	vi	Resistance to bleeding (As refer in IS 164)	-	-	-	-	Satisfactory.
8	vii	Recoating property (As refer in IS 164)	-	-	-	-	Satisfactory. The second coat was applied successfully without any lifting of the first coat.
9	viii-b	Resistance to wear a) For Grade 2 (as refer in IS 164)	-	-	-	-	Satisfactory for Grade 2.
10	ix	Residue on sieve, Max, (IS 101 (Part 8/ Sec 1))	Residue on sieve, percent by mass	-	0.3	Perce nt by mass	0.11
11	x	Flash point (IS 101 (Part 1/Sec 6))	-	-	-	-	More than 10 deg C
12	xi	Mass in kg/10 litre, (IS 101 (Part 1/Sec 7))	-	-	-	kg/10 litre	14.4

Prasanna Muley
Lab Sc. Testing/Calibration Chemical (Paint, High Polymer,
Outdoor)
 (Authorized Signatory)

Dr. Mangesh Pandharinath Gharpure
OIC Testing/Calibration Chemical (Paint, High Polymer,
Outdoor)
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Maharashtra - 400093



ULR : TC718523100001013F

Section Report No. : 23CHPCE59N_1

IS 164 (2015)

NABL D. REMARKS

The sample meets the requirement as per IS 164:2015 specification in respect of the above tested parameters for Grade 2.

NABL D. Notes

The remark conformity statement is given based upon the limiting values as per IS 164:2015 specification without considering measurement uncertainty.

Dr. Mangesh Pandharinath Gharpure
OIC Testing/Calibration Chemical (Paint, High Polymer, Outdoor)
(Authorized Signatory)
Authorized on: 03 May, 2023 13:34 PM

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