

TUV INDIA PRIVATE LIMITED

INSPECTION VISIT REPORT

IVR - 8116947626 - 4502869390 & 4502869184 - Sr. No.01 - Rev. 00



General:						
TUV India Control Or SAP Number:		8116947626/102 022 18		Branch:		Pune
Notification Name / Number:		Email dated-13.10.2020		Date(s) of Inspection:		14.10.2020, 16.10.2020 & 17.10.2020
Project Name & Location:		NA		Inspection Location:		Talwade, Pune
TUV India Client Name:		M/s Metso India Pvt Ltd		End User Name:		M/s Metso India Pvt Ltd
DEC / PMC / EPC Name: <small>(If applicable)</small>		Not Applicable		DEC / PMC / EPC Asgmt. Number: <small>(If applicable)</small>		Not Applicable
Vendor Name & Location:		M/s Shree Ganesh Engineering works & Talawade, Pune		P.O. Number: <small>(Client PO on Vendor)</small>		4502869390 Rev.1 Dtd-09.06.2020 4502869184 Rev.1 Date-06.01.2020
Sub Vendor Name & Location: <small>(If applicable)</small>		Not Applicable		P.O. Number: <small>(If applicable – Vendor PO on Sub Vendor)</small>		Not Applicable
Stages Of Inspection:						
<input type="checkbox"/> Kick Off / Pre Inspection Meeting		<input type="checkbox"/> Material Identification		<input type="checkbox"/> Interim Stages		
<input checked="" type="checkbox"/> Document Review		<input checked="" type="checkbox"/> Final Inspection		<input type="checkbox"/> Re-Inspection		
Item Description:						
P.O. Item No.	Item Code	Item Description	UOM	P.O. Quantity	Offered Quantity	Acceptable Quantity
PO NO-4502869390 Rev.1 Dtd-09.06.2020						
00050	8474	TRANSITION PLATES	EA	01	01	00
00080	8474	RAIL (FEED ASSY)	EA	15	15	00
00090	8474	RAIL ASSEMBLY	EA	30	30	00
00100	8474	RAIL (DISCHARGE ASSY)	EA	15	15	00
00130	8474	STOP PLATE 1.8	EA	03	03	00
PO NO-4502869184 Rev.1 Date-06.01.2020						
00010	8474	ROPE DRUM ASSMEBLY (ROPE DRUM, GEAR BUSH, GEAR ATTACHMENT)	EA	01	01	00
Reference Documents:						
Sr. No.	Document Name	Client Document Number	Vendor Document Number		Approval Status	
1)	PR / MR / ARM	Not Applicable	Not Applicable		Not Applicable	
2)	QAP / ITP / QCP	PO NO-4502869390 Rev.1 ITP.SVS.2020.009 REV.0 Date-09.08.2020 PO NO-4502869184 Rev.1 ITP.SVS.075 REV.0 Date-16.11.2019	NIL		Approved by client	
3)	Drawing(s)	PO NO-4502869390 Rev.1 MM0603164 REV-00 MM0610457 REV-00 MM0610459 REV-00 MM0611425 REV-00 MM0610462 REV-00	NIL		Client documents	

Disclaimer: This IVR shall not be considered as final acceptance of inspected item(s). The final acceptance will be given through Inspection Release Note.

The inspection by TUV India Pvt. Ltd., review of Test Certificates / Reports and issue of Inspection Visit Report does not relieve the Client / Supplier / Manufacturer / Stockiest from their responsibility towards the Client / End User to supply the genuine material / item(s) and document(s) in full compliance with applicable Order, Specification, Technical, Quality, Quantity, Warranty, Guarantee requirements. Supplier / Manufacturer / stockiest is wholly legally responsible for genuineness of the material / item(s) supplied and document(s) submitted. TUV India's responsibility is only limited to correctness of inspection results including review of the documents, within its agreed scope against written requirements and neither TUV India nor any of its group companies, associates or employees are in any way/ legally responsible for genuineness of the material / item(s) and document(s). If the calibration certificate(s) for the measuring instrument(s) / equipment(s) used during inspection do not have traceability to NABL / Other certifying bodies, then the scope of review is limited only to technical content in the calibration certificate.

Copyright: This document is the property of TUV India Pvt. Ltd. and should not be reproduced, except in full without the consent of TUV India Pvt. Ltd.

TUV India Pvt. Ltd. (TUV NORD GROUP) : (REGD. & HEAD OFFICE), 801, Raheja Plaza - I, LBS Marg, Ghatkopar (West), Mumbai – 400086, Maharashtra, India.

Tel: + 91 22 66477000, Email: inspection@tuv-nord.com, Website: www.tuv-nord.com/in

Form No. : F / INSP / VR / 11 – R12; Revision Date: 14.03.2020

TUV INDIA PRIVATE LIMITED

INSPECTION VISIT REPORT

IVR - 8116947626 - 4502869390 & 4502869184 - Sr. No.01 - Rev. 00



		PO NO-4502869184 Rev.1 1-0000-D-003618 REV.00 1-0000-D-003563 REV.00 1-0000-D-003562 REV.00		
4)	Procedure(s)	Not Applicable	Not Applicable	Not Applicable
5)	Datasheet(s)	Tolerance sheet-N11477752 REV.D DTDT-20.04.2017	Not Applicable	Client documents
6)	Others (Specify)	Not Applicable	Not Applicable	Not Applicable

Inspection Activities Carried Out :

Stages Witnessed:

1)	PO NO-4502869390 Rev.1, ITP.SVS.2020.009 REV.0 Date-09.08.2020 As per QAP SR NO-C Indivial part visual & dimension inspection in painted condition. 1.1 Visual checked offered items surface found no any injurious surface defects were observed- found acceptable. 1.2 Dimension checked for offered items -length, width, hole size, hole to hole distance, slot size, orientation & thickness as per drawing found within acceptable limit. Expect below mention area of concern point.
2)	PO NO-4502869390 Rev.1, ITP.SVS.2020.009 REV.0 Date-09.08.2020 As per QAP SR NO-G Paint Application (Painted done as per client mail dated-12.09.2020 Mr. Sandeep Kumar) 2.1 Paint visual checked -no run down/ bubbles/ blisters observed. 2.2 Paint DFT checked for bogie wheel assy at randomly selected qty- found DFT 120-150micron & required40 micron. High DFT observed 2.3 Shade verified- finish paint Grey - found acceptable. 2.4 Visual checked- found free of injurious surface defects- found acceptable.
3)	PO NO-4502869184 Rev.1 ITP.SVS.075 REV.0 Date-16.11.2019 As per QAP SR NO-C Rope drum, gear bush & gear attachment visual & dimension inspection after machining. 3.1 Visual checked offered items surface found no any injurious surface defects were observed- found acceptable. Verified surface roughness found within acceptable limit. 3.2 Dimension checked for offered items -length, width, hole size, hole to hole distance, slot size, orientation & thickness, gear bush no of teeth, PCD, tooth thickness, tooth chordal length as per drawing found within acceptable limit. 3.3. Gear bush & gear attachment check by meshing each other found satisfactory.

Documents Reviewed:

1)	Material test certificate reviewed found to meet as per specification requirements. Refer below are of concern points
2)	Internal dimension & painting reports reviewed found in order.
3)	Rope drum stress relieving heat chart reviewed found in order.
4)	Rope drum, gear bush, gear attachments UT reports reviewed found in order.
5)	Welder qualification certificates WPS, PQR & WPQ reviewed found in order.
6)	Calibration certificate reviewed found in order.

Details of Equipment(s) / Instrument(s) used for measuring / testing during Inspection: (Refer Notes)

Sr. No.	Detail of Equipment(s) / Instrument(s)	Range	ID	Validity till Date	Calibration Certificate Number	NABL / OTHER CERT. BODIES / NABL Traceability	NON-NABL
						Please tick whichever is applicable	
						See Note 1 & 2	See Note 3
1	Vernier	0 to 1000mm	SG-10	10.07.2021	UI/200711/14-001	✓	
3	Measuring tape	0 to 5mtr	SG-04	11.10.2021	UI/191012/25-003	✓	

Notes:

- 1) Other Certifying bodies are: NPL-India, CIPM (International Committee for Weights & Measures), ILAC & APLAC MRA Signatories.
- 2) Visiting inspector to ensure continued suitability for intended use, periodic maintenance, proper identification and valid calibration records and traceability to known National / International standards of the measuring instrument(s) / testing equipment(s).
- 3) Non NABL: If the calibration certificate(s) for the measuring instrument(s) / equipment(s) used during inspection do not have traceability to NABL / Other certifying bodies, then the scope of review is limited only to technical content in the calibration certificate.
- 4) In lieu of table above inspectors may collect master list from manufacturer / vendor/ sub vendor with all above details clearly highlighting the details of instrument(s) / equipment(s) used during inspection.

Conclusion (Acceptable / Not Acceptable / Acceptance subject to) :

Acceptance subjected to clear area of concern point.

Pending Activities from this Visit:

NIL

Disclaimer: This IVR shall not be considered as final acceptance of inspected item(s). The final acceptance will be given through Inspection Release Note.

The inspection by TUV India Pvt. Ltd., review of Test Certificates / Reports and issue of Inspection Visit Report does not relieve the Client / Supplier / Manufacturer / Stockiest from their responsibility towards the Client / End User to supply the genuine material / item(s) and document(s) in full compliance with applicable Order, Specification, Technical, Quality, Quantity, Warranty, Guarantee requirements. Supplier / Manufacturer / stockiest is wholly legally responsible for genuineness of the material / item(s) supplied and document(s) submitted. TUV India's responsibility is only limited to correctness of inspection results including review of the documents, within its agreed scope against written requirements and neither TUV India nor any of its group companies, associates or employees are in any way legally responsible for genuineness of the material / item(s) and document(s). If the calibration certificate(s) for the measuring instrument(s) / equipment(s) used during inspection do not have traceability to NABL / Other certifying bodies, then the scope of review is limited only to technical content in the calibration certificate.

Copyright: This document is the property of TUV India Pvt. Ltd. and should not be reproduced, except in full without the consent of TUV India Pvt. Ltd.

TUV India Pvt. Ltd. (TUV NORD GROUP) : (REGD. & HEAD OFFICE), 801, Raheja Plaza - I, LBS Marg, Ghatkopar (West), Mumbai - 400086, Maharashtra, India.

Tel: + 91 22 66477000, Email: inspection@tuv-nord.com, Website: www.tuv-nord.com/in



Form No. : F / INSP / VR / 11 - R12; Revision Date: 14.03.2020

TUV INDIA PRIVATE LIMITED

INSPECTION VISIT REPORT

IVR - 8116947626 - 4502869390 & 4502869184 - Sr. No.01 - Rev. 00



Identification of Inspected Item(s):		
Witnessed items TUV soft stamped as "  " for identification. Rope drum, gear bush, gear attachment hard stamped.		
Also for rail assembly parts drawing no written by pavement marker for each items.		
Areas of Concern:		
<p>PO NO-4502869390 Rev.1</p> <p>1. MM0603164 STOP PLATE hole diameter not given in drawing, but actually observed dia 18mm same is vendor taken mail from client dated-18.06.2020 Mr. Avunash Rathod to be client note and confirm.</p> <p>2. MM0610457 RAIL FEED ASSY total length observed 1218mm, but actually required as per drawing 1219mm & also mention length tolerance sheet ± 0.5mm, same to be client note and confirm. Rubber protection not pasted which under metso scope, rubber area painted not found.</p> <p>3. MM0610459 RAIL ASSY Rubber protection not pasted which under metso scope, rubber area painted not found.</p> <p>4. MM0611425 Transition plate height observed one side 102mm, other side 99mm req-99mm & template matching observed 2 to 3mm, same to be client note and confirm.</p> <p>5. MM0610462 RAIL discharge Rubber protection not pasted which under metso scope, rubber area painted not found.</p> <p>6. All items painted DFT check at randomly found 120 to 150 micron, but required min 40 micron.</p> <p>7. As per client material list as mention IS 2062 E250 not mention any grade, but vendor used material IS 2062 E250 GR.BR, same to be client note & confirm.</p> <p>PO NO-4502869184 Rev.1</p> <p>1. Rope drum L-seam radiography reports reviewed only, but film not reviewed due to waver not available in vendor place.</p>		
Non Conformities raised / Discrepancies observed during Inspection (If Any, Mention TUV India NCR Number):		
NIL		
Attachments:		
<input checked="" type="checkbox"/> Inspection records – Total Page Nos.	+ IVR	<input checked="" type="checkbox"/> Master List of calibrated Instruments / equipment
<input checked="" type="checkbox"/> Inspection Photos – Refer Page Nos.	03, 04, 05 & 06	<input checked="" type="checkbox"/> Others (Specify): None.
Authorised Signatures:		
TUV India Inspector(s):		Vendor / Sub Vendor Representative: (If Applicable)
		
Name: Parashuram Budni	Date: 17-10-2020	Name:
Distribution List: <input checked="" type="checkbox"/> TUV India Client / End User <input checked="" type="checkbox"/> TUV India Executing / Originating Branch <input checked="" type="checkbox"/> Vendor / Sub Vendor		
Revision Number (If Applicable): 00 – Type Reason for revision here		
This Document Supersedes IVR No.: Mention Previous IVR Number.		

Disclaimer: This IVR shall not be considered as final acceptance of inspected item(s). The final acceptance will be given through Inspection Release Note.


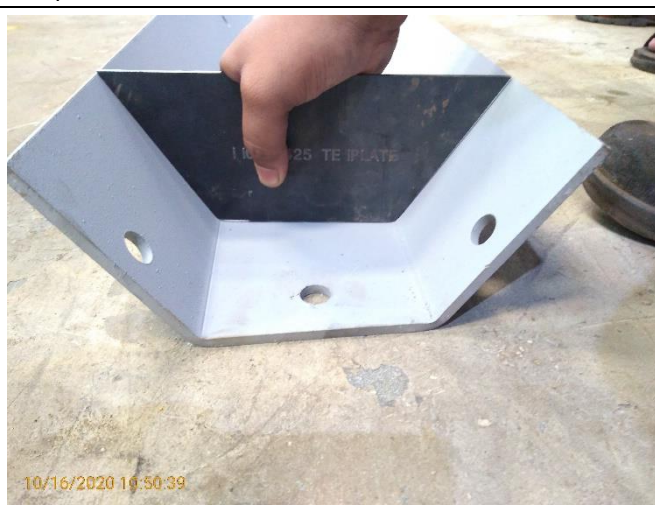
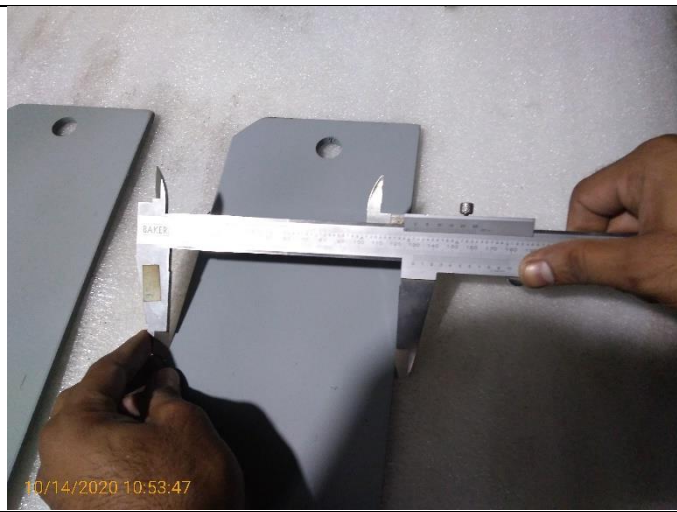
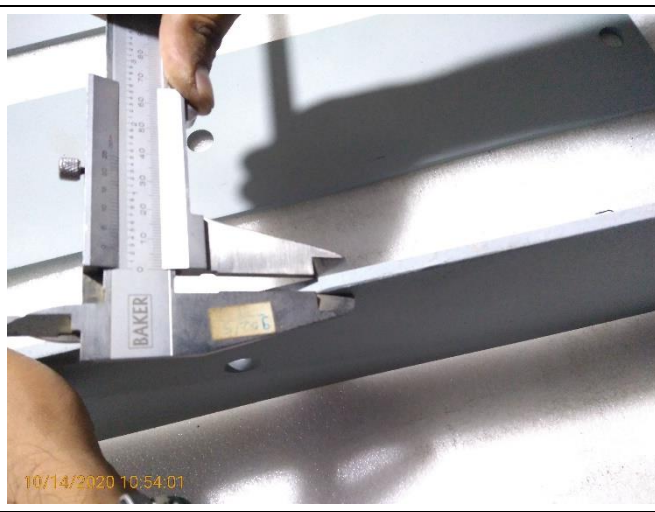


The inspection by TUV India Pvt. Ltd., review of Test Certificates / Reports and issue of Inspection Visit Report does not relieve the Client / Supplier / Manufacturer / Stockiest from their responsibility towards the Client / End User to supply the genuine material / item(s) and document(s) in full compliance with applicable Order, Specification, Technical, Quality, Quantity, Warranty, Guarantee requirements. Supplier / Manufacturer / stockiest is wholly legally responsible for genuineness of the material / item(s) supplied and document(s) submitted. TUV India's responsibility is only limited to correctness of inspection results including review of the documents, within its agreed scope against written requirements and neither TUV India nor any of its group companies, associates or employees are in any way/ legally responsible for genuineness of the material / item(s) and document(s). If the calibration certificate(s) for the measuring instrument(s) / equipment(s) used during inspection do not have traceability to NABL / Other certifying bodies, then the scope of review is limited only to technical content in the calibration certificate.

Copyright: This document is the property of TUV India Pvt. Ltd. and should not be reproduced, except in full without the consent of TUV India Pvt. Ltd.

TUV India Pvt. Ltd. (TUV NORD GROUP): (REGD. & HEAD OFFICE), 801, Raheja Plaza - I, LBS Marg, Ghatkopar (West), Mumbai – 400086, Maharashtra, India.

Tel: + 91 22 66477000, Email: inspection@tuv-nord.com, Website: www.tuv-nord.com/in

Form No.: F / INSP / VR / 11 – R12; Revision Date: 14.03.2020

Inspection Pictures:	
Offered for inspection	Template dimension check
	
Dimension check	Dimension check
	
Dimension check	Dimension check
	
Dimension check	Dimension check

Disclaimer: This IVR shall not be considered as final acceptance of inspected item(s). The final acceptance will be given through Inspection Release Note.

The inspection by TUV India Pvt. Ltd., review of Test Certificates / Reports and issue of Inspection Visit Report does not relieve the Client / Supplier / Manufacturer / Stockiest from their responsibility towards the Client / End User to supply the genuine material / item(s) and document(s) in full compliance with applicable Order, Specification, Technical, Quality, Quantity, Warranty, Guarantee requirements. Supplier / Manufacturer / stockiest is wholly legally responsible for genuineness of the material / item(s) supplied and document(s) submitted. TUV India's responsibility is only limited to correctness of inspection results including review of the documents, within its agreed scope against written requirements and neither TUV India nor any of its group companies, associates or employees are in any way legally responsible for genuineness of the material / item(s) and document(s). If the calibration certificate(s) for the measuring instrument(s) / equipment(s) used during inspection do not have traceability to NABL / Other certifying bodies, then the scope of review is limited only to technical content in the calibration certificate.

Copyright: This document is the property of TUV India Pvt. Ltd. and should not be reproduced, except in full without the consent of TUV India Pvt. Ltd.

TUV India Pvt. Ltd. (TUV NORD GROUP): (REGD. & HEAD OFFICE), 801, Raheja Plaza - I, LBS Marg, Ghatkopar (West), Mumbai - 400086, Maharashtra, India.

Tel: + 91 22 66477000, Email: inspection@tuv-nord.com, Website: www.tuv-nord.com/in

Form No. : F / INSP / VR / 11 - R12; Revision Date: 14.03.2020



Dimension check



Dimension check



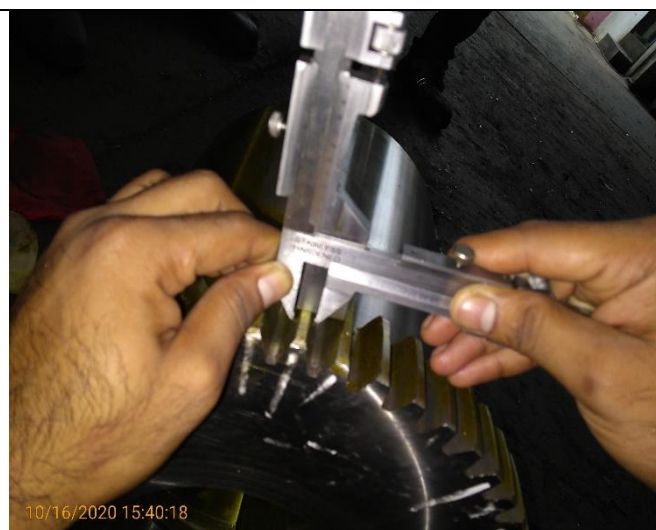
Dimension check



Dimension check



Paint DFT check



Paint DFT check

Disclaimer: This IVR shall not be considered as final acceptance of inspected item(s). The final acceptance will be given through Inspection Release Note.

The inspection by TUV India Pvt. Ltd., review of Test Certificates / Reports and issue of Inspection Visit Report does not relieve the Client / Supplier / Manufacturer / Stockiest from their responsibility towards the Client / End User to supply the genuine material / item(s) and document(s) in full compliance with applicable Order, Specification, Technical, Quality, Quantity, Warranty, Guarantee requirements. Supplier / Manufacturer / stockiest is wholly legally responsible for genuineness of the material / item(s) supplied and document(s) submitted. TUV India's responsibility is only limited to correctness of inspection results including review of the documents, within its agreed scope against written requirements and neither TUV India nor any of its group companies, associates or employees are in any way legally responsible for genuineness of the material / item(s) and document(s). If the calibration certificate(s) for the measuring instrument(s) / equipment(s) used during inspection do not have traceability to NABL / Other certifying bodies, then the scope of review is limited only to technical content in the calibration certificate.

Copyright: This document is the property of TUV India Pvt. Ltd. and should not be reproduced, except in full without the consent of TUV India Pvt. Ltd.

TUV India Pvt. Ltd. (TUV NORD GROUP) : (REGD. & HEAD OFFICE), 801, Raheja Plaza - I, LBS Marg, Ghatkopar (West), Mumbai - 400086, Maharashtra, India.

Tel: + 91 22 66477000, Email: inspection@tuv-nord.com, Website: www.tuv-nord.com/in

Form No. : F / INSP / VR / 11 - R12; Revision Date: 14.03.2020



Hood thickness observed above 19mm



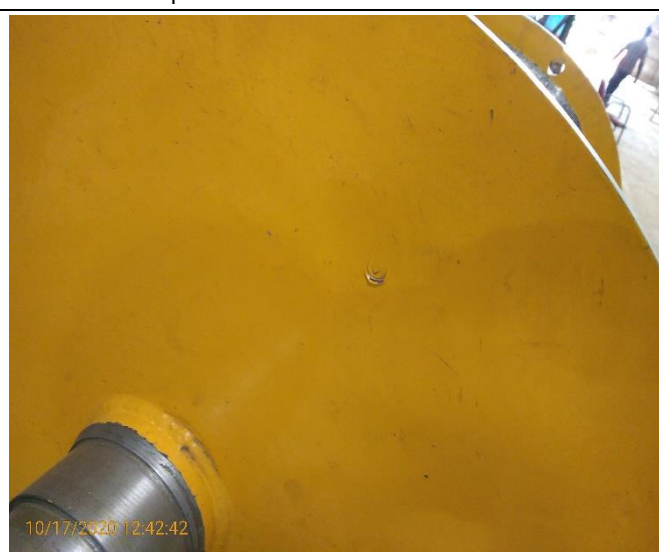
Hood thickness observed above 19mm



TUV soft stamp done



TUV hard stamp done



-: END OF REPORT:-

Disclaimer: This IVR shall not be considered as final acceptance of inspected item(s). The final acceptance will be given through Inspection Release Note.

The inspection by TUV India Pvt. Ltd., review of Test Certificates / Reports and issue of Inspection Visit Report does not relieve the Client / Supplier / Manufacturer / Stockiest from their responsibility towards the Client / End User to supply the genuine material / item(s) and document(s) in full compliance with applicable Order, Specification, Technical, Quality, Quantity, Warranty, Guarantee requirements. Supplier / Manufacturer / stockiest is wholly legally responsible for genuineness of the material / item(s) supplied and document(s) submitted. TUV India's responsibility is only limited to correctness of inspection results including review of the documents, within its agreed scope against written requirements and neither TUV India nor any of its group companies, associates or employees are in any way legally responsible for genuineness of the material / item(s) and document(s). If the calibration certificate(s) for the measuring instrument(s) / equipment(s) used during inspection do not have traceability to NABL / Other certifying bodies, then the scope of review is limited only to technical content in the calibration certificate.

Copyright: This document is the property of TUV India Pvt. Ltd. and should not be reproduced, except in full without the consent of TUV India Pvt. Ltd.

TUV India Pvt. Ltd. (TUV NORD GROUP) : (REGD. & HEAD OFFICE), 801, Raheja Plaza - I, LBS Marg, Ghatkopar (West), Mumbai - 400086, Maharashtra, India.

Tel: + 91 22 66477000, Email: inspection@tuv-nord.com, Website: www.tuv-nord.com/in

Form No. : F / INSP / VR / 11 - R12; Revision Date: 14.03.2020