

## TUV INDIA PRIVATE LIMITED

## INSPECTION VISIT REPORT

IVR - 010101000420/1 - 1 - Rev.1



## General:

TUV India Control Number:	010101000420/1	Branch:	Baroda
Notification Number:		Date(s) of Inspection:	03/07/2020
Project Name & Location:	J3-SEZ	Inspection Location:	
TUVIPL Client Name:	RELIANCE INDUSTRIES LTD.JAMNAGAR	End User Name:	
DEC / PMC / EPC Name: (If applicable)	EIL	DEC / PMC / EPC Assignment Number: (If applicable)	B224
Vendor Name & Location:		P.O. Number: (Client PO on Vendor)	253/240278280
Sub Vendor Name & Location: (If applicable)		P.O. Number: (If applicable – Vendor PO on Sub Vendor)	

## Stages Of Inspection:

<input checked="" type="checkbox"/> Kick Off / Pre Inspection Meeting	<input checked="" type="checkbox"/> Material Identification	<input type="checkbox"/> Interim Stages
<input type="checkbox"/> Document Review	<input 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
58	200055992	(2000559923) & ELBOW 90° SW3/4" CL3000 A105 B16.11 IBR B.NO-Z279 HEAT NO-KM18-168	Nos.	25	25	25
58	200055992	(2000559923) & ELBOW 90° SW3/4" CL3000 A105 B16.11 IBR B.NO-Z279 HEAT NO-KM18-168	Nos.	25	25	25
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Form No. : F / INSP / VR / 11 – R12; Revision Date: 14.03.2020

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1	2000181307	(2000181307) & ELBOW 90 DEG SW3/4" CL3000 A105 B16.11 IBR B.NO-Z312 HEAT NO-KM18-168	Nos.	60	60	60
2	2001440166	(2001440166) & ELBOW 90DEG SW3/4" CL9000 A105 B16.11 IBR B.NO-Z392 HEAT NO-KM18-168	Nos.	67	67	67
3	2000172614	(2000172614) & ELBOW 90 DEG SW3/4" CL3000 A105 B16.11 IBR B.NO-Z393 HEAT NO-KM18-168	Nos.	8	8	8
4	200055992	(2000559923) & ELBOW 90° SW3/4" CL3000 A105 B16.11 IBR B.NO-Z279 HEAT NO-KM18-168	Nos.	25	25	25
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		(2000172614) & ELBOW 90 DEG				

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## Reference Documents:

Sr. No.	Document Name	Document Number	Vendor Document Number	Approval Status
1)	PR/MR/ARM	1234	4321	client doc.
2)	QAP/ITP/QCP	5678	8765	Approved
3)	Drawing(s)	098765	567890	Approved

## Inspection Activities Carried Out:

## Stages Witnessed:

1)	ITP CL. NO. 5- Mechanical Tests (Tensile Test, Flattening / Bending (As Applicable), Hardness (as Applicable) , Microstructure (For HIC) ) witnessed, 1 sample / heat / size . - Found to meet specification requirements.
2)	ITP CL. NO. 7 - Leak Tightness test (Hydro) at Specified Pressure for 5 Seconds holding time (minimum) on 10% randomly selected pipes - No Leakage / No Pressure drop observed during holding time.
3)	ITP CL. NO. 9 - Visual inspection for Varnishing on outside surface of all pipes checked - Found Satisfactory.

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4)	ITP CL. NO. 10 - Dimensional inspection OD, Wt. Bevel angle & Length on 10% randomly selected pipes - Found within limit as per specification Requirements.
5)	ITP CL. NO. 8 - Magnetic Particle Inspection for bevel ends witnessed on 10% randomly selected pipes - No relevant indication found.
6)	ITP CL. NO. 12 - Witnessed Positive material identification for NACE/HIC services on 10% randomly selected Pipes - Found within limit as per specification Requirements.
7)	ITP CL. NO. 11 - Witnessed Marking and Colour coding on 10% randomly selected Pipes- Found in order.
8)	All measuring instruments/ equipment were verified for continued suitability for intended use, proper identification, calibration status, traceability to national standards & found satisfactory.

**Documents Reviewed:**

1)	ITP CL. NO. 14 - Manufacturer Work / Mill Test Certificates reviewed - Found to meet material specification requirements.
2)	ITP CL. NO. 2 - Raw Material TC for Round Billets Reviewed - Found Satisfactory.
3)	ITP CL. NO. 6 - Product Analysis Report For all Items offered reviewed - Found Satisfactory.
4)	ITP CL. NO. 12 - PMI Reports for NACE Services Reviewed - Found In order.
5)	ITP CL. NO. 8 - MPI Reports for Bevelled ends Reviewed - Found Satisfactory.
6)	ITP CL. NO. 1- Test Procedure for Hydro Test, NDT of Bevelled Ends Reviewed - Found in Order.
7)	ITP CL. NO. 7 & 9,10, 11 - Internal Hydro Test Reports & VDI reports 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)	VC	0-100MM	1234	03-09-2021	6754,DTD. 20-02.2020	-	-
2)	MICROMETER	0-25MM	12	20-01-2021	654DTD.02.02.2020	Yes	-
3)	ULTRASONIC THICKNESS GAUGE	0-100MM	33	008-2021	345	Yes	-
4)	MEASURING TAPE	0-5METER	1	5-9-2021	56788	-	Yes

**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):**

refer point mention in area of concern  
 IRN can be issued for PO item Numbers 5, 6, 7

**Pending activities:****Identification of inspected Item(s):**

All plates stamped as  or check testing as per specified requirements..

**Areas of Concerns:**

1/Hqefuhwouwuhv 0WIVVWH , 2. QIQEUFBIWUBV WOJVOWHV .  
 3/IUEIUWHWHVOWHVHOWHV,4.OUWEOIWPIWJPIJ, 5.lwbefwvbwovwovho,6.iwbvwbwovwov,7.  
 ihwviwfohwofhwfo

**Non Conformities raised / Discrepancies observed during inspection (If Any, Mention TUV India NCR 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.

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NA

## Attachments:

Master list

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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.

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