TÜV Rheinland India Pvt Ltd	VENDOR INSPECTION REPORT	TÜVRheinland® Precisely Right.
Report No.:	RAJKOT/RS-VPT/RV/ IR 001	Date : 18.08.2020
Inspector:	Mr. Ravi Varmora	Page : 1 of 9

Project name: - NA	**Executing Country:** India
Client: END USER NAME:- MINISTRY OF BAHRAIN	PO No.:
Contact:	Ref / Order No.: NA
Contractor:	TÜV order number: NA
Vendor / Manufacturer: ROOPAM STEEL	Vendor's Ref: - By Mail
Contact: Mr. HAMZA	Place of Inspection: Dhaneti - Bhuj ,
Attendees:- Mr. Ravi Varmora (TUV) Mr. Jitendra Luhar Mr. Anil Prajapati	Date of Inspection: 18/08/2020

Equipment/goods inspected: Pipes.

Inspection according to:	
ITP / QCP No.: As per Mail	Specification/ Data Sheet No: - Offer Letter
Codes / standards: ASTM A 312, ASTM A 240 , ASME B36.10/19M	Drawing No.: As per standard

Scope of work:

☒ Quantity inspection	☐ Functional test witness	☐ Packing/ Marking inspection
☒ Visual inspection	☐ Performance test witness	☒ Document review
☒ Dimension inspection	☐ Coating/ painting inspection	☐ Others (see remarks)

Remarks: NA

☒ full inspection ☐ partial inspection ☐ random inspection - 20%

Inspection result:

☒ Satisfactory ☐ Partial non-conforming ☐ Rejected ☐ Aborted

Documentation:

☒ Complete and in order ☐ not complete

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Deviations found:

☒ None ☐ to contract ☐ to drawings ☐ to ITP / QCP / PO

Conclusion: Visual, dimension, marking detail & documents reviewed found acceptable.

INSPECTION DETAILS

Material / Products / Components inspected:

Po No. 4500005253

PO Sr. No..	Commodity	Size (NB)	Sch / Thk / Rating	Brief Description	Total Order QTY	Presented Quantity this Visit	Accepted Quantity this Visit
1	Austenitic Stainless Steel Welded Pipe	5 NPS	S10	Pipe Welded ERW ASTM A312 TP,316L SEC-II Part A	124	124	124

Detailed Scope of Inspection:

Activity 1 – Material test certificate check, Reviewed 100%

Activity 2 – Dimensional check, Witness dimension inspection. 10% Randomly selected.

Activity 3 – Visual check, marking detail, Witness visual inspection 100%.

Activity 4 – Thickness at start and end point as well for 5 Inch NPS Sch10 Welded Pipe.

Activity 5 – Positive Material Identification (PMI) 100% witnessed.

Standards and Documentation:

SR No	DOCUMENT TITLE	DOC. No.	DOC. REV.	App. Status/code	Approved By
1	Offer Letter	Date- 18.08.2020	0	-	-
2	Standard	ASTM A 312 , ASTM A240 , ASME B36.10/19M	0	APROVED	-
3	QAP	As per Mail Ref.	-	APPROVED	Client

Witnessed Tests:

- Visual & Marking Inspection offered for **5** Inch NPS Sch10 Welded Pipe.100 % found results satisfactory.
- Dimension witnessed on offered for 5 Inch NPS Sch10 Welded Pipe. 10% randomly selected and found acceptable.
- Positive Material Identification (PMI) offered 5 Inch NPS Sch10 Welded Pipe.100% Witnessed and found acceptable.

Used Test Equipment:

Equipment name	Type /Model	Identification No./ Calibration No.	Valid range /Accuracy	Calibration valid to
Measuring Scale & Tape	20~300 mm	CT-01	20-300 / 0.1mm	2020-10-08
Ball Point Micrometre	0~25 mm	171279084	20-25 / 0.01mm	2020-10-23
Measuring Tape	0~1500 mm	MT-01	0~1500 / 1.0mm	2020-03-16

INSPECTION ACIVITIES

Activity/ITP/ QCP No.	Description of Activity with Inputs and Outputs	Results
A	MATERIAL TEST REPORT REVIEW & WITNESSED a) Internal Test certificate b) PMI witness 100% checked c) Final 3.1 MTC Reviewed and sign stamped(3 Copy On Clients Letter Head)	Satisfactory
B	Dimensional check 10% Random a) Outer diameter for Pipe on Start Point, End Point, Middle Point. b) Thickness of Pipe on end area c) Length of Pipe	Satisfactory
C	Visual & Marking Detail check 100% a) All pipe are free from burs and dent mark b) All pipe has marked identification as per standard c) All pipe are acid pickling conditions.	Satisfactory

Details:

1) **Pipe Welded ASME B36.10/19 ASTM A312 TP Gr. 316 L**

- **Dims Checked 10% Qty as per the offered Qty. & found ok (Witnessed) – Report attached**
- **100% Visual Inspection and marking details done & found ok. (witnessed)**
- **Vendor internal Material TC Reviewed & found Ok –Reports attached**
- **Vender's heat treatments chart and graphs Reviewed & found Ok – Reports attached**
- **Vendor's Client final 3.1 MTC reviewed & found ok – Report attached.**

Documentation Control:

Document name	Version	Approved by client
Offer Letter	0	YES
Standard	0	YES

QAP	0	-

Non Conformities: NA

Report No.	Description	Date Raised	Status
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☐ A punch list is available. Any punch list should be provided by the manufacturer but signed by the inspector and manufacturer's representative

☐ Manufacturer informed about non conformities by inspector

Issued by:	Ravi Varmora		Reviewed by:	R.Navinkumar	
	Name	Signature		Name	Signature

Disclaimer:

This report reflects our findings during inspection in time and place according to the agreed scope of our performance or deliverables and does not release buyer and/or seller from their contractual responsibilities. This report does not construe any guarantee or warranty that the purchase contract between buyer and seller is fulfilled correctly and all performances have been delivered without any defect. Furthermore the report and its results does not affect any potential buyer's right to claim for compensation or remedy towards the seller/supplier of apparent or hidden defects not detected during our inspection or occurred afterwards.

PICTURES:

picture	description:

1.	End area OD Measurements
2.	Mid area OD Measurements
3.	End area thickness measurements

4.	Length Measurements
5.	Length Measurements
6.	End area OD Measurements

7.	Length Measurements
8.	PMI Witness
9.	PMI Witness

10	PMI Witness
11	Packing Pipe
12	Dual Stamp (Etching Mark) on Witness Pipe qty 13 along with Marking

13	Single Stamp (Etching Mark) on Remaining Pipe along with Marking