

**INSPECTION RELEASE NOTE/CERTIFICATE NO: LTHE-RUF-67774-IRN-08**

**DATE: 01-10-2020**

OWNER : M/s HINDUSTAN PETROLEUM CORPORATION LIMITED PLACE OF ISSUE: KOLKATA  
PROJECT : VISAKH REFINERY MODERNIZATION PROJECT PACKAGE : RESIDUE UPGRADATION  
FACILITY (RUF) (EPCC – 03)  
PMC : M/s EIL (ENGINEERS INDIA LIMITED)  
CONTRACTOR : M/s L&T HYDROCARBON ENGINEERING LIMITED PMC JOB NO. : B016-504  
VENDOR : M/s LAL BABA SEAMLESS TUBES PVT. LTD. SUB VENDOR : N/A  
LOCATION : HALDIA, WEST BENGAL, 721657 LOCATION : N/A  
PO NO. DATED : Refinery/75000-67774/MNR, Dt. – 15.06.2020 PO NO. DATED : N/A

PO Item No.	Item / SAP Code	Material Description	MTC No.	P.O. Quantity (M)	Quantity Offered (M)	Quantity accepted (M)	Is item QTY complete as per PO
1.	PPS2AEAGAEZZABVARA	PIPE SEAMLESS ½" ASTM A106 B SCH XS PLAIN END ASME B36.10M	0362/2020	138889	9714.651 (935 No's)	9714.651 (935 No's)	No

**REFERENCE DOCUMENTS :**

Sr. No.	Document Title	Document No.	Revision	Approver with review code	Date of approval
1	Approved PR / Spec. No./ARM no	B016-RUF-LT-504-PP-SP-0002	02	EIL code - 1	01.04.2020
2	Approved Drawing Nos.	N/A	N/A	N/A	N/A
3	Approved QAP/ITP No	B016-RUFV-LT-504-QC-QD-0014	0	EIL code - 1	18.12.2019

**STAGES WITNESSED:**

- 100% Visual Inspection for surface finish ( inside and outside surface ) & end condition (Plain End) from offered lot - No Injurious surface defects were observed.
- Dimension check on 10% randomly selected pipes from offered lot at random - Found to meet with in tolerance.
- Physical tests (tensile test, bend test & hardness) at ☐ NABL accredited lab ☒ manufacturer's in-house testing facility on representative samples identified by TUV – found to meet the specification requirements.
- Witnessed of Hydrostatic test (2500 PSI) at 5 sec holding time 10% from offered lot at random - No Leakage was observed and found satisfactory.
- Marking and Color coding verified on random witnessed from offered lot - Found to meet the specification requirements.
- End Protection checked with cap - Found in order.

**Disclaimer:** The inspection by TUV India Pvt. Ltd., review of Test Certificates / Reports and issue of Inspection Release Note / Certificate does not relieve 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).

**Copyright:** This document is the property of TUV India Private Limited 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](mailto:inspection@tuv-nord.com) Website: [www.tuv-nord.com/in](http://www.tuv-nord.com/in)

**Distribution list:** ☒ Client, ☐ Vendor, ☒ TUV ☒ TUV Branch office (If applicable)

**Page 1 of 2**

F/INSP/IRN/03A, Rev 2 (August 2017)


Copyright: This report shall not be reproduced in part or full without the consent of TUV India Pvt. Ltd

INSPECTION RELEASE NOTE/CERTIFICATE NO: LTHE-RUF-67774-IRN-08

DATE: 01-10-2020

**Documents/records reviewed:**

- 1) Heat Treatment and Hydrostatic Test procedures reviewed - Found to meet the code and specification requirement.
- 2) Raw material Mill TC reviewed - Found to meet the code requirement.
- 3) HT chart/report reviewed - Found in order.
- 4) Product Chemical test report reviewed - Found to meet the specification requirements
- 5) Manufacturer TC No. 0362/2020 reviewed - Found to meet the code and specification requirement.
- 6) Manufacturer Internal Inspection reports reviewed

**IDENTIFICATION** : 10% inspected pipes identified with ☒ hard ☐ soft [double] “  “stamp on pipe surface near marking & balance pipes are single stamp on metal tag.

**ORDER STATUS** : ☐ Complete ☒ Incomplete

**DATE(s) OF INSPECTION** : 30.09.2020 & 01.10.2020

**Inspection has been carried out based on** ☒ Code1 / R ☐ Code 2 drawing & approved ITP.

**CONCLUSION** : All items were inspected within the scope defined in approved QAP/ITP & MR/PR and found to meet the requirements of purchase order & specification.

All measuring instruments/ equipment were verified for continued suitability for intended use, proper identification, maintenance, calibration status, traceability to national standards & found satisfactory.

**Disclaimer:** The issue of this Inspection release note/certificate does not relieve the supplier / manufacturer from his/her responsibility towards the client to supply item(s) concerned, in full compliance with the requirements of the purchase order & project specifications.



FOR SELF Surya kanta Samanta  
Surveyor(s) to TUV India Private Limited

[REV 01(IF APPLICABLE) – (JUSTIFICATION). THIS DOCUMENT SUPERSEDES IRN NO..... DATED.....]

**Disclaimer:** The inspection by TUV India Pvt. Ltd., review of Test Certificates / Reports and issue of Inspection Release Note / Certificate does not relieve 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).

**Copyright:** This document is the property of TUV India Private Limited 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](mailto:inspection@tuv-nord.com) Website: [www.tuv-nord.com/in](http://www.tuv-nord.com/in)

**Distribution list:** ☒ Client, ☐ Vendor, ☒ TUV ☒ TUV Branch office (If applicable)

F/INSP/IRN/03A, Rev 2 (August 2017)

Copyright: This report shall not be reproduced in part or full without the consent of TUV India Pvt. Ltd