

TUV INDIA PRIVATE LIMITED

INSPECTION RELEASE NOTE / CERTIFICATE

IRN - 010102007720/93 - 1 - Rev. 0



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|--|---------------------------------|--|-----------------------------|
| TUV India Control Or SAP Number: | 010102007720/93 (8117439482) | Date: | 13-02-2021 |
| Project Name & Location | MPP 10 FOR PI JAMBUSAR SEZ29/2 | TUV India Branch Name: | Vadodara |
| TUV India Client Name: | PI INDUSTRIES LIMITED. | End User Name: | PI INDUSTRIES LIMITED |
| DEC / PMC / EPC Name: (If applicable) | Not Applicable | DEC / PMC / EPC Asgmt. Number: (If applicable) | Not Applicable |
| Vendor Name & Location: | FLUOROLINED EQUIPMENT PVT. LTD. | P.O. Number: (Client PO on Vendor) | 4500405168 Dated 19/12/2020 |
| Sub Vendor Name & Location: (If applicable) | Not Applicable | P.O. Number: (If applicable - Vendor PO on Sub Vendor) | Not Applicable |

Item Description:

| PO Item No. | Item Code | Item Description | UOM | P.O. Quantity | Offered Quantity | Accepted Quantity | Cumulative Accepted Quantity |
|-------------|-----------|---|------|---------------|------------------|-------------------|------------------------------|
| 1 | 94016991 | PFA PUMP, PLX-P-50x32-160CTSPUMP,TAG NO:OP10M3003, OP10M2704 & OP10M2611 (MANUFACTURERS SR. NO:21PLXP503216001102 21PLXP503216001104),CAPACITY:1 OM3/HR AT 35 MTR HEAD, MOTOR:10HP/2900 RPM | Nos. | 03 | 03 | 03 | 03 |

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 | Not Applicable | 017 Dtd:10.02.2021 | Approved by PIIL |
| 3) | Drawing(s) | Not Applicable | FE/PLXP50x32x160/GAD/ASA/752 REV.0 | Approved by PIIL |
| 4) | Datasheet(s) | Not Applicable | Not Applicable | Not Applicable |
| 5) | Procedure(s) | Not Applicable | Not Applicable | Not Applicable |
| 6) | Others (Specify) | Not Applicable | Not Applicable | Not Applicable |

Stages Witnessed:

- 1) Tag No:- OP10M3003
QAP Stage no. 6:- Performance test of complete pump carried out to check Noise level, Vibration & Temperature - sound level found within 85 dBA, Vibration within 4 mm/s and temperature up to 51.3°C - found acceptable.
- 2) Tag No:- OP10M3003
QAP Stage no. 9:- Mechanical seal test checked at shut off condition - No any leakage observed.
- 3) Tag No:- OP10M3003
QAP Stage no. 12:- Hydrostatic test of Volute casing (Casing armour+ Liner) witnessed at 6 Kg/cm2 for holding time of 30 minutes - No Leakage/No Pressure drop observed during holding time.
- 4) Tag No:- OP10M3003
QAP Stage no. 7, 8:- Visual inspection carried out of complete pump - No injurious surface defects are observed at the time

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). 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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of inspection.

- 5) Tag No:- OP10M3003
QAP Stage no. 7, 8:- Dimensional inspection carried out of complete pump assembly and base frame- found within drawing specified tolerances.
- 6) 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) QAP Stage no. 1, 2:- PFA Raw material test certificate for volute casing, back plate & impeller report reviewed - found to meet the material specification requirements.
- 2) QAP Stage no. 1:- Chemical analysis report & Mechanical test report reviewed for Casing armour - found to meet the requirements.
- 3) QAP Stage no. 3:- Chemical analysis report, Mechanical test report & UT report of shaft reviewed - found to meet the requirements.
- 4) QAP Stage no. 4:- Material test certificate of Shaft ceramic sleeve reviewed - found to meet the material requirements.
- 5) QAP Stage no. 5:- Material test certificate for adaptor, leg & bearing block reviewed - found to meet the material specification requirements.
- 6) QAP Stage no. 10:- Impeller balancing report reviewed as per ISO 1940 - 1.- found in order.
- 7) QAP Stage no. 11:- Spark test report of pump PFA wetted parts reviewed - found in order.

NCR / Waiver: (if Any)

Waiver:- As per Coron Enterprise email/As discussed with Client (Mr. Bhusan Akulwar) on dated: 13.02.2021 to release remaining 02 Qty of Pump for review as duty point is same.

Identification:

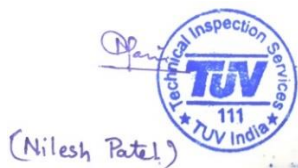
Witnessed Pump double and rest pump single hard stamped as  on manufacturer's Name plate.

Order status: ☒ Complete ☐ Incomplete

Sub order status: (If applicable) ☐ Complete ☐ Incomplete

Date(s) of Inspection: 13.02.2021

Conclusion: All items were inspected within the scope defined in approved PO, QAP, specifications & Found to meet the requirements of purchase order & Specifications.



Nileshkumar Patel

Inspector(s) to TUV India Private Limited

Distribution List: ☒ TUV India Client / End User ☒ TUV India Executing / Originating Branch ☒ Vendor / Sub Vendor

Revision Number (If Applicable) : 00 – Type Reason for revision here.

This Document Supersedes IRN No.: Mention previous IRN Number.

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