



HYDERABAD

PURCHASE SPECIFICATION**TC 64362**

Rev. No: 00

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- 1) Pump shall be sized for the required parameter at 10°C (Viscosity 280 cst and Sp gravity:0.88)
- 2) Lube Oil tank shall be as per Annex-2-13090100001-S00-R00.
- 3) Scheme to be in line with Annex-4-P&ID.
- 4) GAD, location of nozzle and overall dimension shall be Annex-6-Console GAD.
- 5) Cooler and filter shall be in line with the Annex-7 AND Annex-8 respectively.
- 6) Motor shall be as per IS 325, IS 12615 and IEC 60034. Voltage shall be 415 V $\pm$ 10 and frequency 50Hz $\pm$ 5, 3 phase, solidly earthed. Fault level shall be 50KA for 1 sec. Motor shall be as per IE3 class. Motor shall have insulation class F with following temperature rise 70 C by resistance method.
- 7) Pump shall deliver the rated head for frequency of 47.5 Hz.
- 8) All sub supplier of major equipment like Pump, motor, filter, cooler and accumulator shall have proven track for similar application.

FORMAT
TD-201
REV-00PREP.BY :
ANSHULAPP. BY : **SUNIL B JIWTODE**DATE :
11.03.2020**REF-DOC****COPY RIGHT AND CONFIDENTIAL**

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