

PUMPSENSE 2020

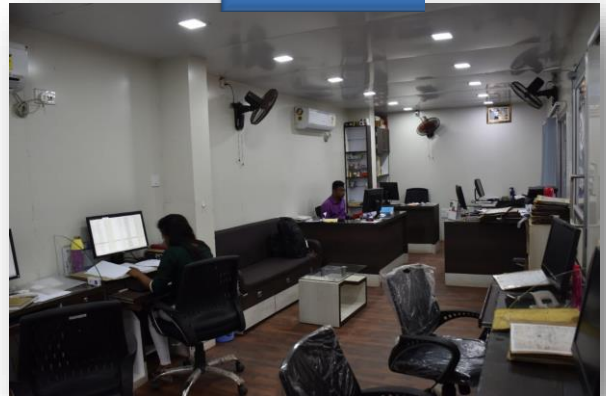
Why an additional production facility?

- Insufficient space in the existing unit.
- To increase the number of pumps produced per month.
- To manufacture larger pumps: split-case and end suction pumps up to 24" suction branch size.
- Larger test bed to handle larger flows, pressure and power.
- Better location, accessibility & transportation facilities.
- Prepare us for the big leap forward..

New Factory Highlights

- ✓ Test Tank: 170000 litres/44900 gallons
- ✓ Spread across an area of 22,000 Sq. Ft.
- ✓ Test centre control room
- ✓ Training centre
- ✓ Machining/Dynamic balancing station
- ✓ Assembly area
- ✓ QA station
- ✓ Office block
- ✓ Stores
- ✓ Paint booth
- ✓ Hydrostatic test area
- ✓ Generator room
- ✓ Access roads & green verge

Office block



Green Cover

Material handling system



Assembly area

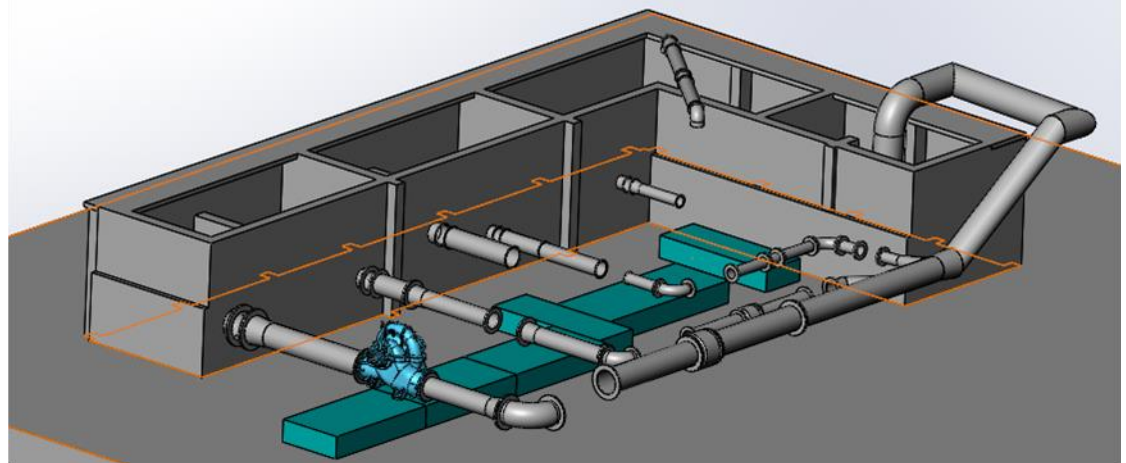
Test Bed Highlights

- Flow- Up to 4000 m³/hr
- Pressure – Up to 300 meters water column
- Speed- Up to 3600 RPM
- Flow measured by –
6", 8", 10", 12", 16", 20"
magnetic flow meter
- Real time data acquisition –
SCADA system
- Test bed volume -
44900 gallons / 170 m³
- Power – 315KW (Present)
450KW (Future)
- VVFD – 132KW & 285KW (Present)
450KW (Future)

Test bed during construction phase



3D layout of Test bed – Firm foundation to limit vibration



NABL certification
of the test
laboratory is
planned in 2020

Products in the new facility



Single Stage
NFPA 20 Fire



Two Stage
NFPA 20 Fire



ISO 2858
End Suction



Large End
Suction



Ship's External
Firefighting



Split-Case Single
& Two Stage



Compact Split-Case



Sewage



Vertical Inline



Mixed Flow

Factory Layout

