



Standard Service Quality Assurance - Final Inspection and Test Certification

Pump Type: EPX Dry Pump RA #: 300952551 Motor Voltage: 208v - 3ph
 Pump Model: EPX180L Serial #: 76196242

Service performed

- | | | | |
|-------------------------------------|-------------------------------------|---|-------------------------------------|
| Bearing(s) replaced | <input checked="" type="checkbox"/> | Capacitor board and/or drive unit replaced | <input checked="" type="checkbox"/> |
| Critical components inspected | <input checked="" type="checkbox"/> | Water expansion valve cleaned and inspected | <input checked="" type="checkbox"/> |
| Decontaminated clean | <input checked="" type="checkbox"/> | Gas module overhauled | <input type="checkbox"/> |
| Pressure plate replaced | <input checked="" type="checkbox"/> | Oil pressure monitor replaced | <input type="checkbox"/> |
| Seals and seal rings replaced | <input checked="" type="checkbox"/> | Pump rotor replaced | <input type="checkbox"/> |
| Spring washers replaced | <input checked="" type="checkbox"/> | Pump stator replaced | <input type="checkbox"/> |
| Verify remote operation mode | <input checked="" type="checkbox"/> | Shaft replaced | <input type="checkbox"/> |
| Verify thermal snap switch function | <input checked="" type="checkbox"/> | Other _____ | |

Performance testing (to factory specifications)

Test	Measurement	Result
Electrical Safety		pass
Water System		pass
Interface Board Function		pass
Seal Flow	15 Mins	pass
Gas Module		N/A
EUC Function		pass
Water Flow Rate	3.0 l/min	pass
Pull Down Vacuum (from atm.)	1.6E-3 mbar	pass
Atm. Dump Test		pass
System Vacuum	1.0E-4 mbar	pass
Vacuum @ Peak Speed	1.0E-4 mbar	pass
Vibration (Top and Bottom)		pass
atm. Dump Vibration (Top and Bottom)		pass
uTim Function		pass
Vacuum Leak Rate	1.00E-7 mbar*l/s	pass
Oil Leakage		pass

Tested By: Alam Vazquez
 Date: 8-MAR-10

Final Inspection

- | | | | |
|--|-------------------------------------|---|-------------------------------------|
| Serial number legible | <input checked="" type="checkbox"/> | Motor Voltage configuration confirmed | <input checked="" type="checkbox"/> |
| Inlet and outlet (inlet screen fitted) | <input checked="" type="checkbox"/> | Labels attached and are clear and legible | <input checked="" type="checkbox"/> |
| Oil level checked | <input checked="" type="checkbox"/> | Accessories refitted (per incoming photo) | <input checked="" type="checkbox"/> |
| Tool Interface connector intact | <input checked="" type="checkbox"/> | BSP plug moved to outer hole ___N/A | <input checked="" type="checkbox"/> |
| Water fittings capped | <input checked="" type="checkbox"/> | Overall appearance | <input checked="" type="checkbox"/> |
| | | BOE Edwards service label attached | <input checked="" type="checkbox"/> |

Final Inspection by: Alam Vazquez Date: 8-MAR-10

Another Quality Job by Edwards Service