



SUBMERSIBLE MOTOR INSTALLATION RECORD

Form 2207 - Page 1

RMA Number

KEY DEALER # _____

DISTRIBUTOR	INSTALLER	END USER
Name: _____	Name: _____	Name: _____
City: _____	City: _____	City: _____
State: _____ Zip: _____	State: _____ Zip: _____	State: _____ Zip: _____

Well ID or GPS: _____ Water Temperature: _____ °F °C

Application/Water Use (e.g. potable water, irrigation, municipal, fountain, etc.): _____

Date Installed (mm/yy): _____ Date Failed (mm/yy): _____ Motor Position Shaft-Up: Yes No

Operating Cycle: ON Time Per Start _____ Hrs. Mins. Time OFF Between Stop & Restart _____ Hrs. Mins.

MOTOR

Model: _____ Serial Number: _____ Date Code (if updated): _____

MOTOR OVERLOAD

System Typical Operating Current: _____ Amps @ _____ Volts

Overload: FE SubMonitor Input Amps _____ D3 Attached Yes No Fault Settings Attached Yes No

Other Manufacturer Model: _____ Dial Set at: _____ or Heater# _____

NEMA Class: 10 20 30 Ambient Compensated: Yes No

Power to Motor by: Full Volt Starter VFD Soft Starter VFD or Soft Starter Mfr. & Model: _____

PUMP

Manufacturer: _____

Model: _____

Stages: _____

Design Rating: _____ gpm @ _____ ft TDH

Horsepower Required by Pump End: _____

Actual Pump Delivery: _____ gpm @ _____ psi

What Controls When System Runs & Stops:

(e.g. pressure, level, flow, manual on/off, timer, time clock etc.)

WELL DATA (All measurements from well head down.)

Casing Diameter _____ in

Drop Pipe Diameter _____ in

Number of Sticks of Drop Pipe _____

Static Water Level _____ ft

Drawdown (pumping) Water Level _____ ft

Spring Assist Check Valves:
(Measured from Well Head Down)

#1 _____ #2 _____ #3 _____ #4 _____ ft

Solid Drilled Poppet Break-Off Plug

Pump Inlet Setting _____ ft

Flow Sleeve No Yes, Dia. _____ in

Case Ends _____ ft

Well Screen Perforated Casing

#1 from _____ to _____ ft & #2 from _____ to _____ ft

Well Depth _____ ft

YOUR NAME / DATE

_____/_____





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Form 2207 - Page 2

RMA Number

TRANSFORMERS

Number of Transformers: Two Three Transformers Supply Motor Only: Yes No Unsure
 Transformer #1: _____ kVA Transformer #2: _____ kVA Transformer #3: _____ kVA

POWER CABLES & GROUND WIRE

1 Service Entrance to Pump Control Panel:
 Length: _____ ft. & Gauge: _____ AWG/MCM
 Material: Copper Aluminum Construction: Jacketed Individual Conductors Web Twisted
 Temperature Rating of Cable: 60C 75C 90C 125C or Insulation Type: _____ (e.g. THHN)

2 Pump Control Panel to Motor:
 Length: _____ ft. & Gauge: _____ AWG/MCM
 Material: Copper Aluminum Construction: Jacketed Individual Conductors Web Twisted
 Temperature Rating of Cable: 60C 75C 90C 125C or Insulation Type: _____ (e.g. THHN)

3 Ground Wire Size: From Control Panel to Motor: _____ AWG/MCM
 Control Grounded to (mark all that apply):
 Well Head Metal Casing Motor Driven Rod Power Supply

INCOMING VOLTAGE

No Load L1-L2 _____ L2-L3 _____ L1-L3 _____
 Full Load L1-L2 _____ L2-L3 _____ L1-L3 _____

RUNNING AMPS & CURRENT BALANCE

Full Load L1 _____ L2 _____ L3 _____
 % Unbalance: _____

CONTROL PANEL

1 Pump Panel Manufacturer/Fabricator: _____

2 Short Circuit Protection - Fuses or Circuit Breaker
Option #1 - Fuse
 Manufacturer: _____ Model: _____ Rating: _____ Amps
 Type: Time-Delay Standard
Option #2 - Circuit Breaker
 Manufacturer: _____ Model: _____ Rating: _____ Amps Setting: _____

3 Starter - Full Voltage, Reduced Voltage, Soft-Starter or VFD (Variable Frequency Drive)
Option #1 - Full Voltage
 Manufacturer: _____ Model: _____ Size: _____ Contacts: NEMA IEC
Option #2 - Reduced Voltage
 Manufacturer: _____ Model: _____ Ramp Time to Full Voltage: _____ sec.
Option #3 - Soft-Starter or VFD
 Manufacturer: _____ Model: _____ Max. Continuous Amp Output Rating: _____
 Min. Setting: _____ Hz & GPM: _____ Max. Setting: _____ Hz & GPM: _____
 Start Ramp Time to 30 Hz: _____ sec. Stop Mode: Power Off Coast 30-0 Hz Ramp _____ sec.
 Special Output Filter Purchased: Yes No
 Output Filter Manufacturer: _____ Model: _____ % Reactance: _____

4 Surge Arrestor: No Yes, Manufacturer: _____ Model: _____