



Delta Process Equipment, Inc.

SIMPLEX PUMP
CONTROL PANEL

| | | |
|----------------------------------|-------------|--|
| VOLTAGE | 120/240V | (480V, 277/480V, 240V, 120/240V, 208V, 120/208V) |
| PHASE/HZ | 1/60 | |
| NO. MOTORS | 1 | |
| HP | 5 | |
| FLA | 39 | |
| TYPE OF PUMP | Submersible | (Self-Priming, Submersible) |
| MANUFACTURER | Barnes | |
| CATALOG NUMBER | SGV5022L | |
| | | |
| CONTROL VOLTAGE | 120V | (120V, Other) |
| ENCLOSURE | NEMA 4X | (NEMA 1, NEMA 3R, NEMA 4, NEMA 4X) |
| ENCLOSURE MATERIAL | Fiberglass | (Painted Steel, Stainless Steel, Fiberglass) |
| CONTROL SENSOR | Floats | (Floats, Bubbler, Other) |
| CAPACITORS | Yes | (Yes, No) |
| CAPACITOR WIRING FIGURE | N/A | |
| THERM. & SEAL FAIL WIRING FIGURE | | |

OPTIONS:

| | | |
|----------------------------------|----------|----------------------------|
| SEAL FAIL LIGHTS | _____ | (Submersible Only) |
| SEAL FAIL RELAYS | _____ | (Submersible Only) |
| SEAL FAIL PUMP SHUTDOWN | _____ | (Submersible Only) |
| HT PUMP SHUTDOWN | INTERNAL | (Self-Primer, Submersible) |
| ALARM HORN | _____ | |
| ALARM LIGHT | X | |
| LIGHT PANEL MTD | X | |
| LIGHT REMOTE MTD | _____ | |
| LIGHT FLASHER | _____ | |
| LIGHTNING ARRESTER | _____ | |
| ELAPSED TIME METER | _____ | |
| PHASE MONITOR | _____ | |
| NEMA RATED STARTERS | _____ | |
| GROUND FAULT RECT. | _____ | |
| GREEN RUN LIGHTS VS. RED | _____ | |
| POLE, BOX, SEAL | _____ | |
| INTRINSICALLY SAFE RELAYS | _____ | |
| HIGH TEMP. LOCKOUT, MANUAL RESET | _____ | |
| ECONOMY VERSION | X | |

SOLD TO: Delta Process , Ruston, LA
TAG : Mike Donaldson

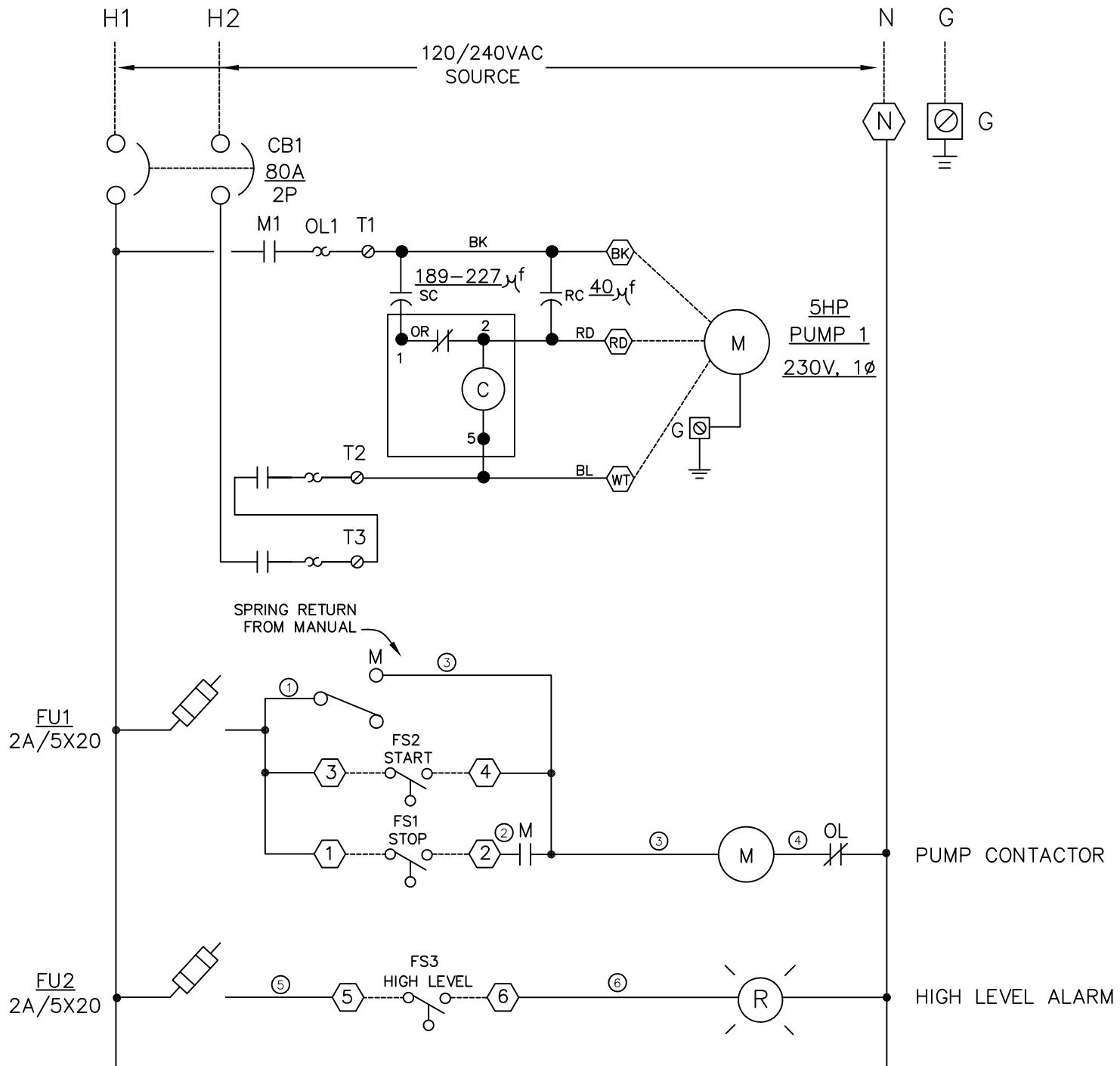
SHIP TO: Delta Process , Ruston, LA

| Drawing Title | PANEL DESCRIPTION | REFERENCE DRAWING | | NO. | REVISION-LOCATION | | ECN | DATE | BY |
|----------------|-------------------------------|-------------------|-------------------------------|----------------------|-------------------|----|------|-----------|----------|
| | | S/N | Sales Engineer | Application Engineer | DRAWN | BY | R.C. | C. RACHAL | APPROVED |
| DATE 3/30/6 | Project Title | | | | | | | | |
| | SIMPLEX PUMP CONTROL PANEL | D | Delta Process Equipment, Inc. | | | | | | |

PURCHASE ORDER NUMBER

DRAWING NUMBER CP-2345

SHEET NUMBER



PUMP INTERNAL THERMAL OVERLOAD IS REQUIRED

| | | | | | | | |
|-----------------|------------------------------------|---|-------------------------------|------------------------------|-----------------------|-----------------------|---------------------------|
| | Drawing Title POWER DIAGRAM | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | REFERENCE DRAWING | NO. | REVISION-LOCATION | ECN | DATE | BY |
| DATE 3/30/06 | | S/N | Sales Engineer C.C. | Application Engineer R.C. | DRAWN BY C. RACHAL | APPROVED BY | DATE |
| | | Project Title SIMPLEX PUMP CONTROL PANEL | | | | PURCHASE ORDER NUMBER | |
| | |  | Delta Process Equipment, Inc. | | | | DRAWING NUMBER CP-2345 |
| | | | | | | | SHEET NUMBER 2 |

BILL OF MATERIALS

| ITEM | QTY | MANUFACTURER | PART NO. | DESCRIPTION |
|------|-----|--------------|--------------|-----------------------------------|
| 1 | 1 | STAHLIN | RJ1210HPL | ENCLOSURE |
| 1a | 1 | STAHLIN | BP1210AL | BACKPLATE |
| 2 | 1 | ABB | A40-30-10-84 | CONTACTOR |
| 3 | 1 | SQUARE D | QOU280 | CB1 |
| 4 | 1 | INGRAM | MX-15 | ALARM LIGHT |
| 5 | 1 | EZ SWITCH | STOCK | TOGGLE SWITCH |
| 6 | 1 | GE | 6X554 | START RELAY |
| 7 | 1 | CGE | 4CU59 | START CAPACITOR (189-227 μ f) |
| 8 | 1 | GE | 2GE87 | RUN CAPACITOR (40 μ f) |
| 9 | 1 | ABB | TA42DU42 | OL (29-42A) |
| 10 | | | | |
| | | | | |

| | | | | | | | |
|-----------------|-------------------------------|-------------|--|-----------|-----------------------------|---------------------------|--|
| | Drawing Title | | | | | | |
| | BILL OF MATERIALS | | | | | | |
| | | | | | | | |
| | | | | | | | |
| DATE 3/30/06 | REFERENCE DRAWING S/N | NO. C.C. | REVISION-LOCATION DRAWN BY C. RACHAL | ECN BY | DATE APPROVED BY DATE | | |
| | Project Title | | D Delta Process Equipment, Inc. | | | PURCHASE ORDER NUMBER | |
| | SIMPLEX PUMP CONTROL PANEL | | | | | DRAWING NUMBER CP-2345 | |
| | | | | | | SHEET NUMBER 3 | |