



Delta Process Equipment, Inc.

SGVF(H)2022L
CONTROL PANEL

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	1	
HP	2	
FLA	15	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Barnes	
CATALOG NUMBER	SGVF(H)2022L	

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:

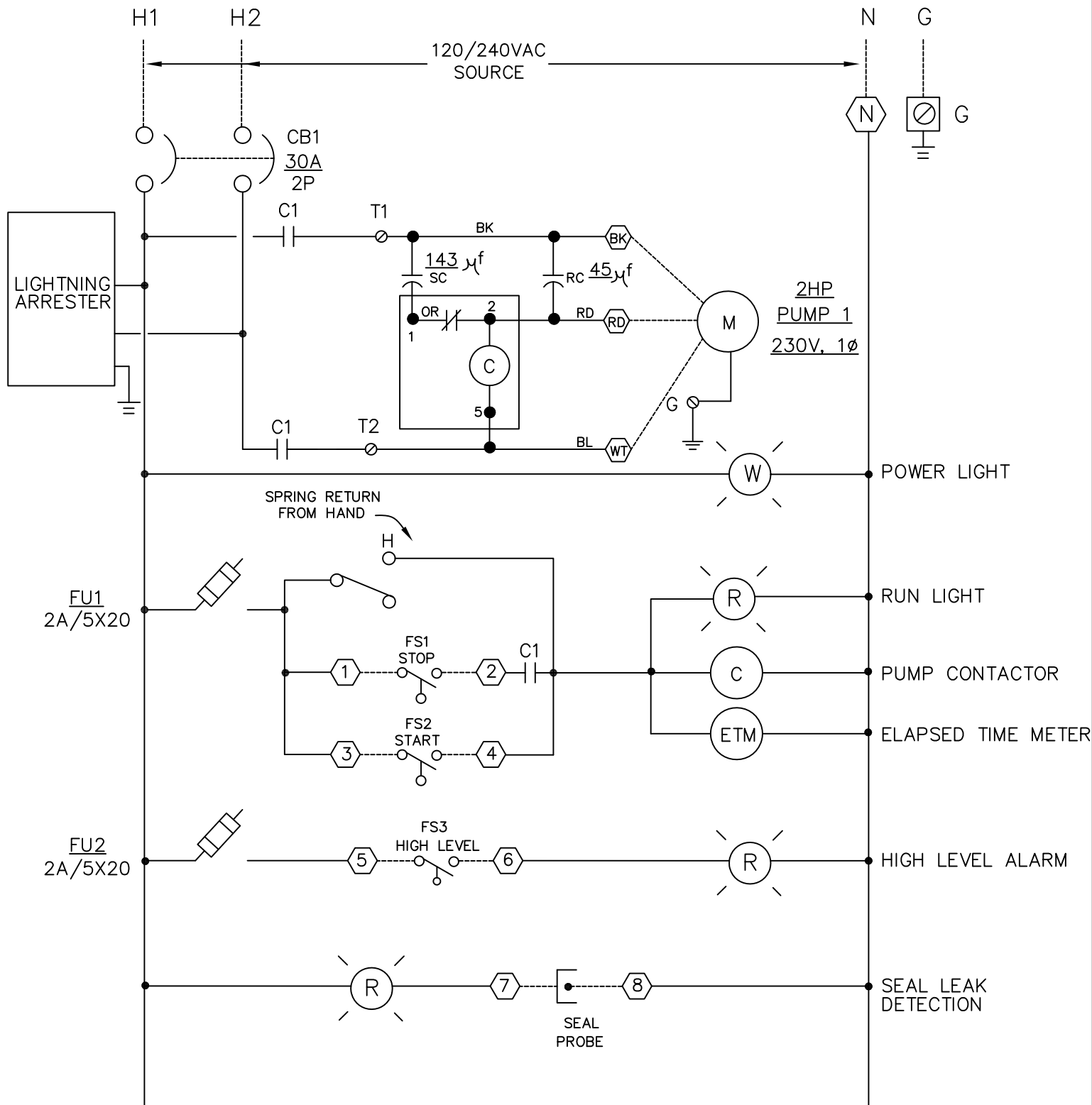
SEAL FAIL LIGHTS	X	(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	INTERNAL	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE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

SOLD TO: Delta Process

TAG : _____

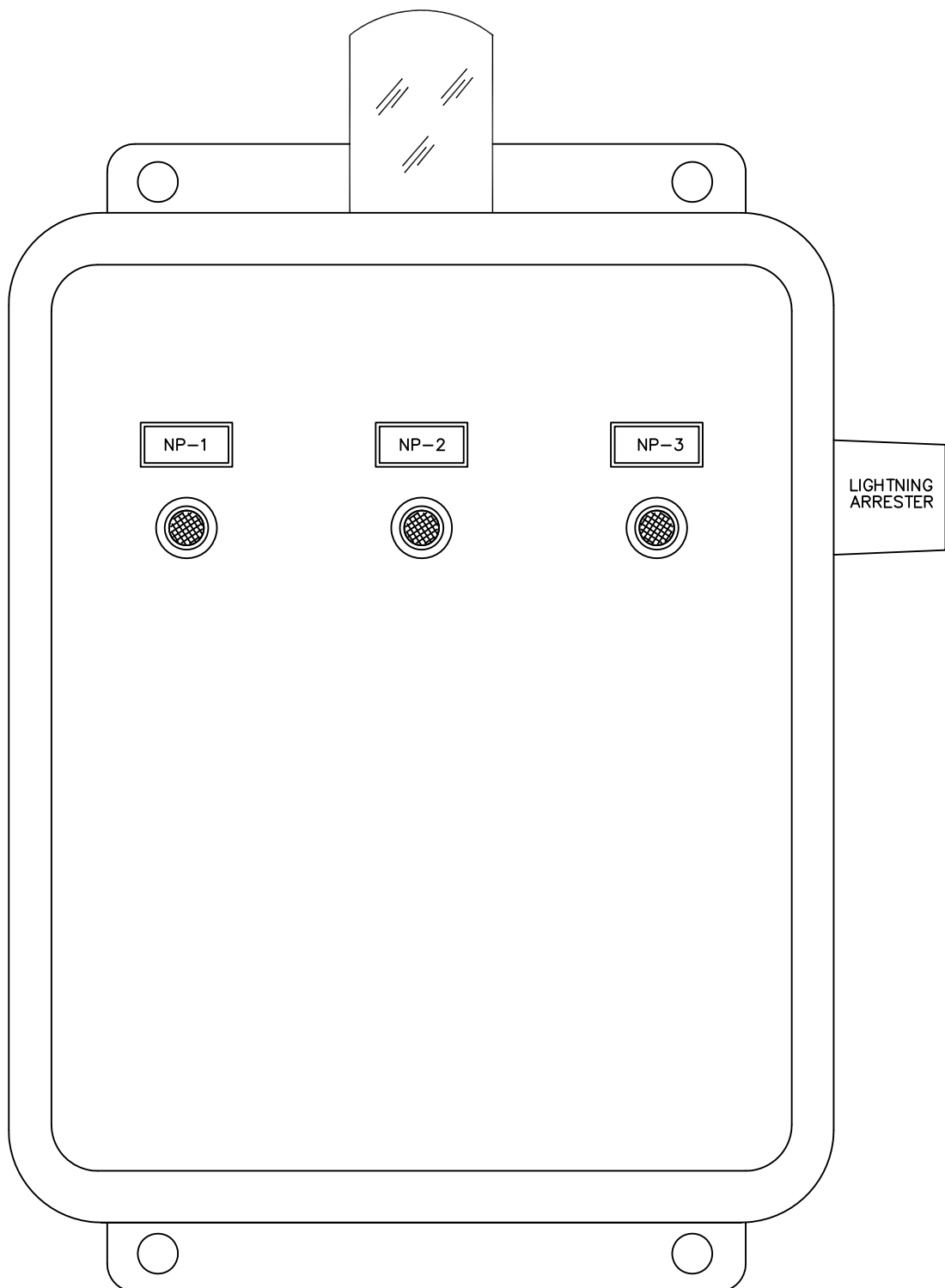
SHIP TO: Delta Process

	Drawing Title							
	PANEL DESCRIPTION							
DATE 7/21/04			REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title						PURCHASE ORDER NUMBER	
	SGVF(H)2022L CONTROL PANEL		 Delta Process Equipment, Inc.				DRAWING NUMBER CP-1857	
							SHEET NUMBER 1	



PUMP INTERNAL THERMAL OVERLOAD IS REQUIRED

	Drawing Title				
	POWER DIAGRAM				
3/23/04 7/21/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DATE BY C. RACHAL
	Project Title SGVF(H)2022L CONTROL PANEL	Delta Process Equipment, Inc.			APPROVED DATE PURCHASE ORDER NUMBER DRAWING NUMBER CP-1857 SHEET NUMBER 2




NAMEPLATE SCHEDULE

NP-1 POWER
NP-2 RUN
NP-3 SEAL FAIL

	Drawing Title EXTERNAL CONECTIONS								
3/23/04 7/21/04			REFERENCE DRAWING S/N		NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.		ECN BY C. RACHAL	DATE BY
	Project Title OGVF2022 CONTROL PANEL		<div><div></div><div>Delta Process Equipment, Inc.</div></div>				PURCHASE ORDER NUMBER		
							DRAWING NUMBER CP-1857		
							SHEET NUMBER 4		

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1210HWPL	ENCLOSURE
1a	1	VYNCKIER	MP1210A	BACKPLATE
2	1	ABB	A16-30-10-84	CONTACTOR
3	1	SQUARE D	QOU230	CB1
4	2	WIELAND	57.904.5355.0	FUSE HOLDER
5	1	INGRAM	MX-15	ALARM LIGHT
6	11	WEIDMULLER	WDU	TERMINAL BLOCKS
7	1	EZ SWITCH	STOCK	TOGGLE SWITCH
8	1	GE	6X559	START RELAY
9	1	MALORY	4X658	START CAPACITOR (145-174 μ f)
10	1	GE	6X660	RUN CAPACITOR (20 μ f)
11	1	GRASSLIN	UWZ-52E	ETM
12	1	DELTA	LA302	LIGHTNING ARRESTER μ f
13	3	ACI	JR22F	LIGHTS
14				

	Drawing Title							
	BILL OF MATERIALS							
DATE 7/21/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	
		DRAWN BY C. RACHAL		APPROVED BY		DATE		
	Project Title	 Delta Process Equipment, Inc.					PURCHASE ORDER NUMBER	
	SGVF(H)2022L CONTROL PANEL						DRAWING NUMBER CP-1857	
							SHEET NUMBER 5	