
COX

Research and Technology, Inc.

PINEVILLE
POLYMER TRANSFER PUMP
CONTROL PANEL

Cox Research and Technology, Inc.
14697 S. Harrells Ferry Road
Baton Rouge, LA. 70816
(225) 756-3271 Fax (225) 755-1030

CP-2280

VOLTAGE	<u>277/480V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>3/60</u>	
NO. MOTORS	<u>1</u>	
HP	<u>1</u>	
FLA	<u>1.94</u>	
TYPE OF PUMP	<u>Positive Displacement</u>	(Self-Priming, Submersible)
MANUFACTURER	<u>Seepex</u>	
CATALOG NUMBER	<u>BN2-6L/AL-A7-H-GAM3-X</u>	

CONTROL VOLTAGE	<u>120V</u>	(120V, Other)
ENCLOSURE	<u>NEMA 4X</u>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<u>Stainless Steel</u>	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	<u>Floats</u>	(Floats, Bubbler, Other)
CAPACITORS	<u>No</u>	(Yes, No)
CAPACITOR WIRING FIGURE	<u>N/A</u>	
THERM. & SEAL FAIL WIRING FIGURE	<u></u>	

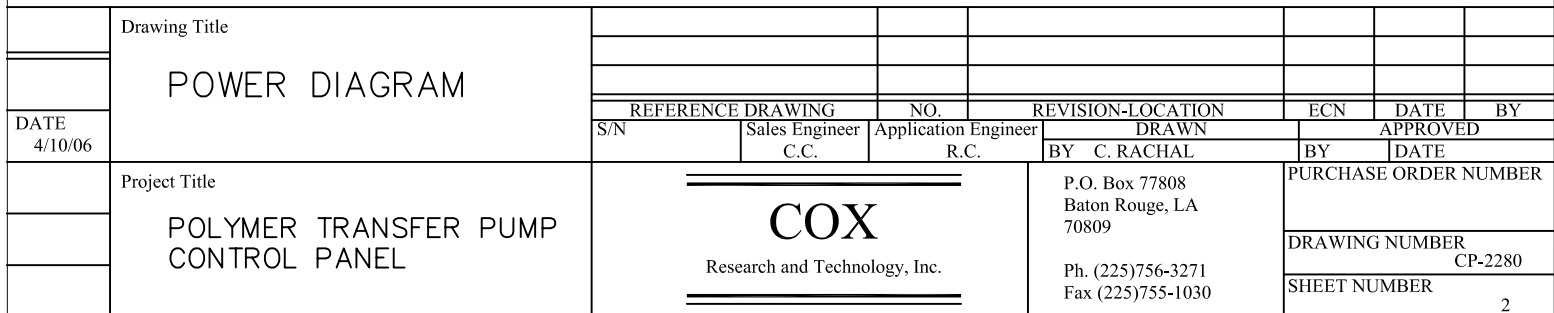
OPTIONS:

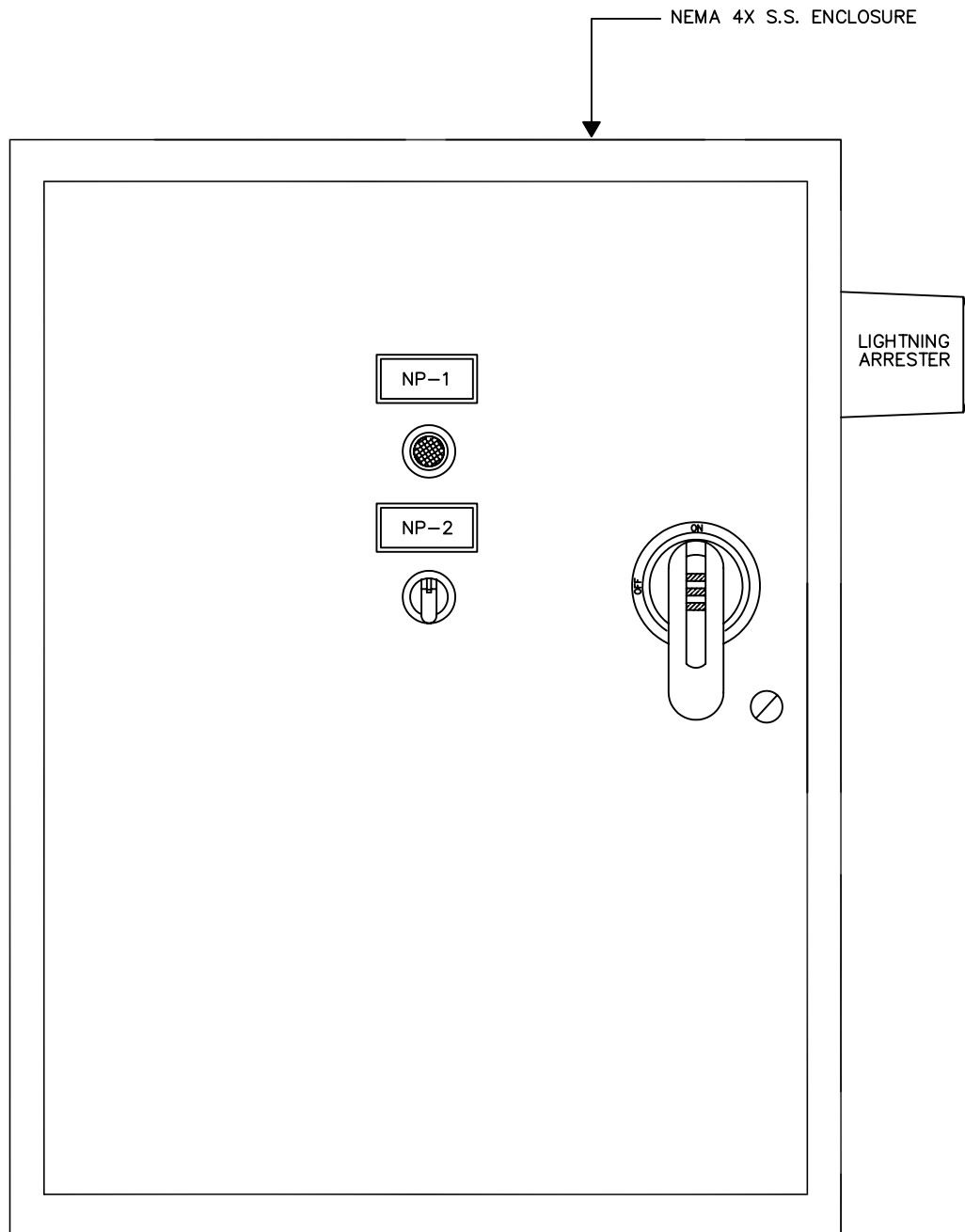
SEAL FAIL LIGHTS	<u></u>	(Submersible Only)
SEAL FAIL RELAYS	<u></u>	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	<u></u>	(Submersible Only)
HT PUMP SHUTDOWN	<u></u>	(Self-Primer, Submersible)
ALARM HORN	<u></u>	
ALARM LIGHT	<u></u>	
LIGHT PANEL MTD	<u></u>	
LIGHT REMOTE MTD	<u></u>	
LIGHT FLASHER	<u>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

SOLD TO:	<u>ETEC</u>
TAG :	<u>City of Pineville</u>
	<u>Process Water Pumps Control Panel</u>

SHIP TO:	<u></u>
	<u></u>
	<u></u>

	Drawing Title						
	PANEL DESCRIPTION						
DATE 4/10/06		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div style="text-align: center;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER
	POLYMER TRANSFER PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2280
							SHEET NUMBER 1





VIEW OF FRONT OF ENCLOSURE

NOTE:
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASSES.

NAMEPLATE SCHEDULE

NP-1 PUMP RUN
NP-2 HAND-OFF-AUTO

	Drawing Title						
	ENCLOSURE						
DATE 4/10/06		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY
	Project Title	DRAWN BY C. RACHAL			APPROVED BY DATE		
	POLYMER TRANSFER PUMP CONTROL PANEL	PURCHASE ORDER NUMBER					
		DRAWING NUMBER CP-2280					
		SHEET NUMBER			3		

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70809

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BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	SAGINAW	SCE-16EL1208SSLPPLWKB	ENCLOSURE
1a	1	SAGINAW	SCE-16P12	BACKPLATE
2	1	ABB	A16NO-30-10-84	MOTOR STARTER
3	1	ABB	TA25DU2.4	O.L. RELAY (1.7-2.4A)
4	1	ABB	T1N015TL	CIRCUIT BREAKER
5	1	ABB	OT63E3	DISCONNECT SWITCH
6	1	ABB	OHB65L5	HANDLE
7	1	ABB	OXF5X170	SHAFT
8	1	ABB	T4150PSF1	TRANSFORMER
9	1	AB	800H-JR2A	3 POSITION SWITCH
10	1	AB	800H-QRT10R	RED PILOT LIGHT PTT
11	1	DELTA	LA603	LIGHTNING ARRESTER
12	1	MARATHON	1323580	DISTRIBUTION BLOCK
13	1	SSAC	PLMU-11	PHASE MONITOR
14				
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25				

	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 4/10/06		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C.RACHAL		APPROVED BY DATE
	Project Title	<div style="border-top: 3px double black; border-bottom: 3px double black; padding: 5px;"> <h1 style="margin: 0;">COX</h1> <p style="margin: 0;">Research and Technology, Inc.</p> </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER DRAWING NUMBER <div style="text-align: right;">CP-2280</div> SHEET NUMBER <div style="text-align: right;">4</div>
	POLYMER TRANSFER PUMP CONTROL PANEL						