
COX

Research and Technology, Inc.

PINEVILLE CL2/SO2 BOOSTER 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-2281

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	1	
HP	2	
FLA	12	
TYPE OF PUMP	Self-Priming	
MANUFACTURER		
CATALOG NUMBER		
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Stainless Steel	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Off/On	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

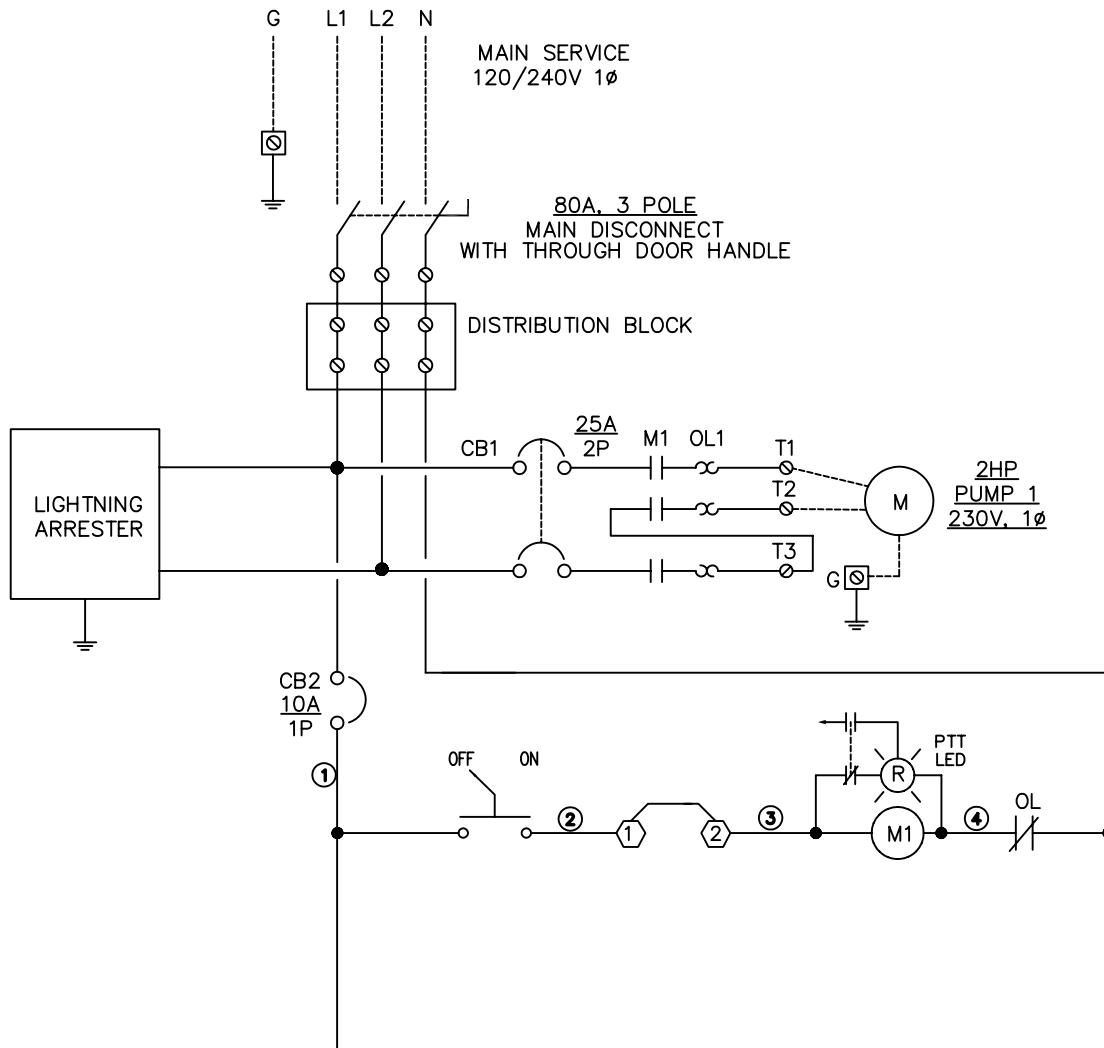
OPTIONS:

SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN		(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT		
LIGHT PANEL MTD		
LIGHT REMOTE MTD		
LIGHT FLASHER	X	
LIGHTNING ARRESTER		
ELAPSED TIME METER		
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		

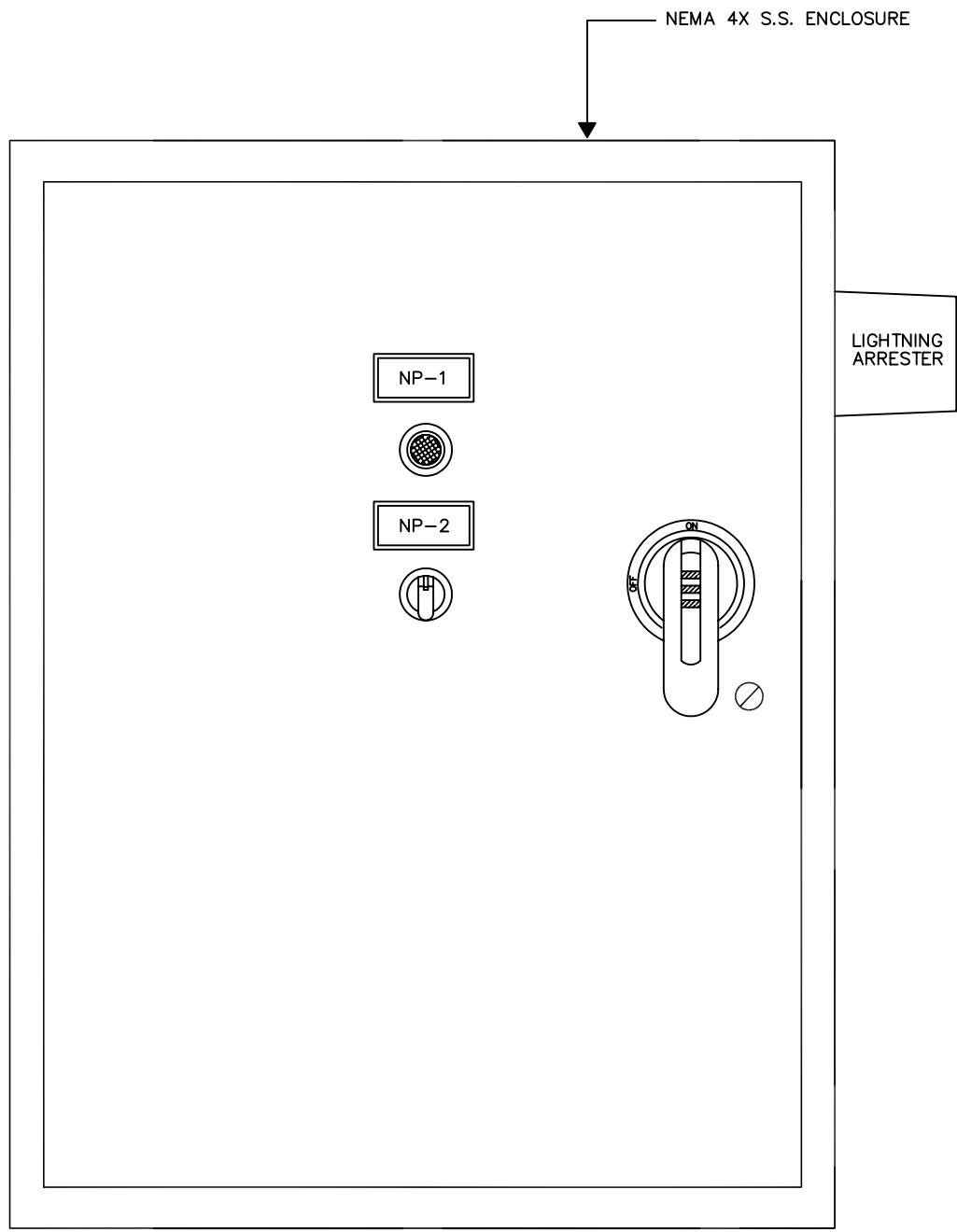
SOLD TO: ETEC
 TAG : City of Pineville
CL2/SO2 BOOSTER PUMP CONTROL PANEL

SHIP TO:

Drawing Title	PANEL DESCRIPTION						ECN	DATE	BY
	REFERENCE DRAWING		NO.	REVISION-LOCATION					
DATE 4/10/06	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED				
	C.C.		R.C.	BY C. RACHAL	BY				
Project Title	<u>COX</u> Research and Technology, Inc.						PURCHASE ORDER NUMBER		
CL2/SO2 BOOSTER PUMP CONTROL PANEL							DRAWING NUMBER		
							CP-2281		
							SHEET NUMBER		
							1		



	Drawing Title					
	POWER DIAGRAM					
DATE 4/10/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY	BY
Project Title CL2/SO2 BOOSTER PUMP CONTROL PANEL	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2281 SHEET NUMBER 2	



VIEW OF FRONT OF ENCLOSURE

NAMEPLATE SCHEDULE

NP-1	PUMP RUN
NP-2	OFF-ON

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

	Drawing Title ENCLOSURE						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 4/10/06	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
	C.C.	C.C.	R.C.	BY C. RACHAL	BY	DATE	
Project Title CL2/SO2 BOOSTER PUMP CONTROL PANEL	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
				Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2281		
					SHEET NUMBER 3		

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	SAGINAW	SCE-16EL1206SSLPPLWKB	ENCLOSURE
1a	1	SAGINAW	SCE-16P12	BACKPLATE
2	1	ABB	A16NO-30-10-84	MOTOR STARTER
3	1	ABB	TA25DU14	O.L. RELAY (10-14A)
4	1	ABB	OT63E3	DISCONNECT SWITCH
5	1	ABB	OHB65L5	HANDLE
6	1	ABB	OXP5X170	SHAFT
7	1	AB	800H-HR2A	2 POSITION SWITCH
8	1	AB	800H-QRT10R	RED PILOT LIGHT PTT
9	1	DELTA	LA302R	LIGHTNING ARRESTER
10	1	MARATHON	1323580	DISTRIBUTION BLOCK
11	1	SQUARE D	QOU225	CB1
12	1	SQUARE D	QOU110	CB2
13				
14				
15				
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Drawing Title BILL OF MATERIALS								
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
DATE 4/10/06	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED			
		C.C.	R.C.	BY C.RACHAL	BY	DATE		
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