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# COX

Research and Technology, Inc.

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SIMPLEX PUMP  
CONTROL PANEL  
PINEVILLE  
ODOR CONTROL PUMP

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

CP-2300

VOLTAGE	277/480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	1	
HP	5	
FLA	7.6	
TYPE OF PUMP	Self-Priming	(Self-Priming, Submersible)
MANUFACTURER	G-R	
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		(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

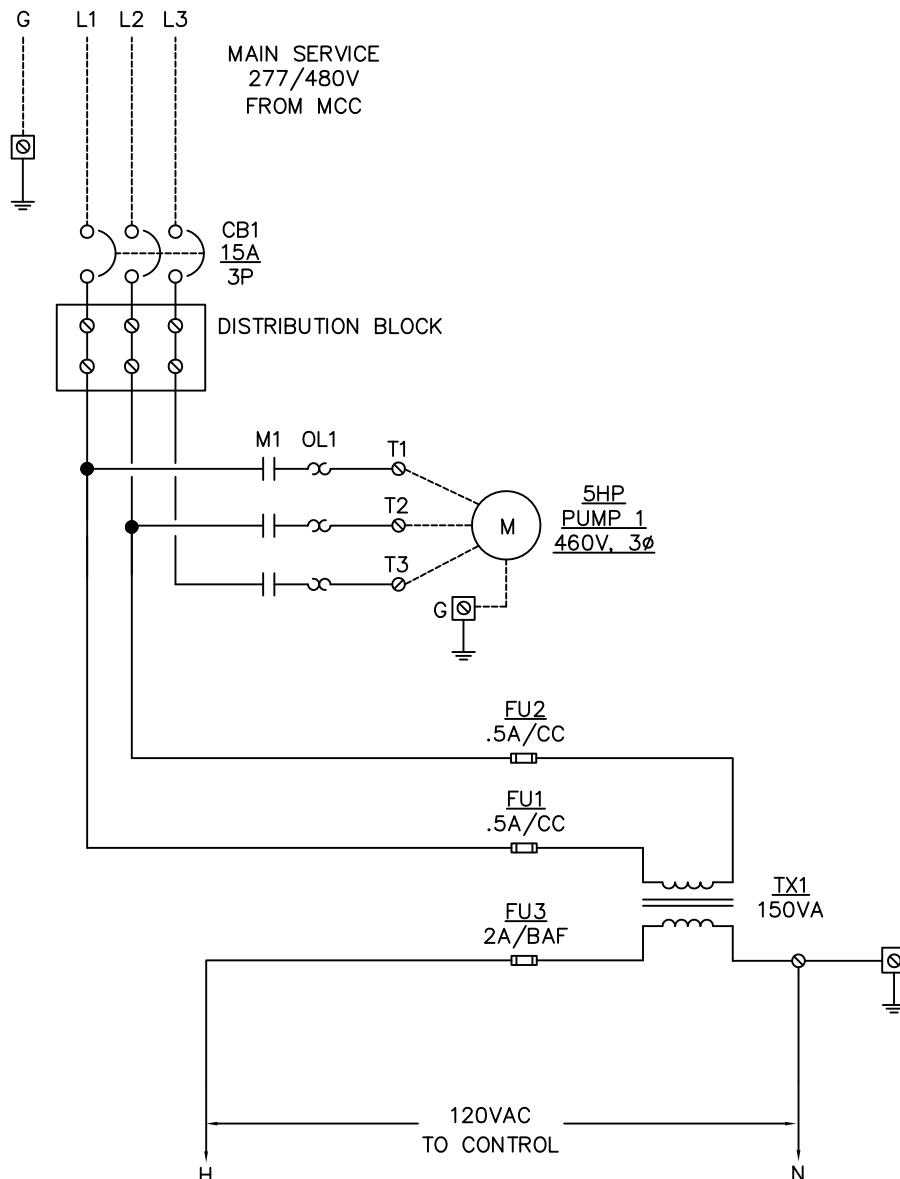
OPTIONS:

SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT		
LIGHT PANEL MTD		
LIGHT REMOTE MTD		
LIGHT FLASHER		
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	X	
ECONOMY VERSION		

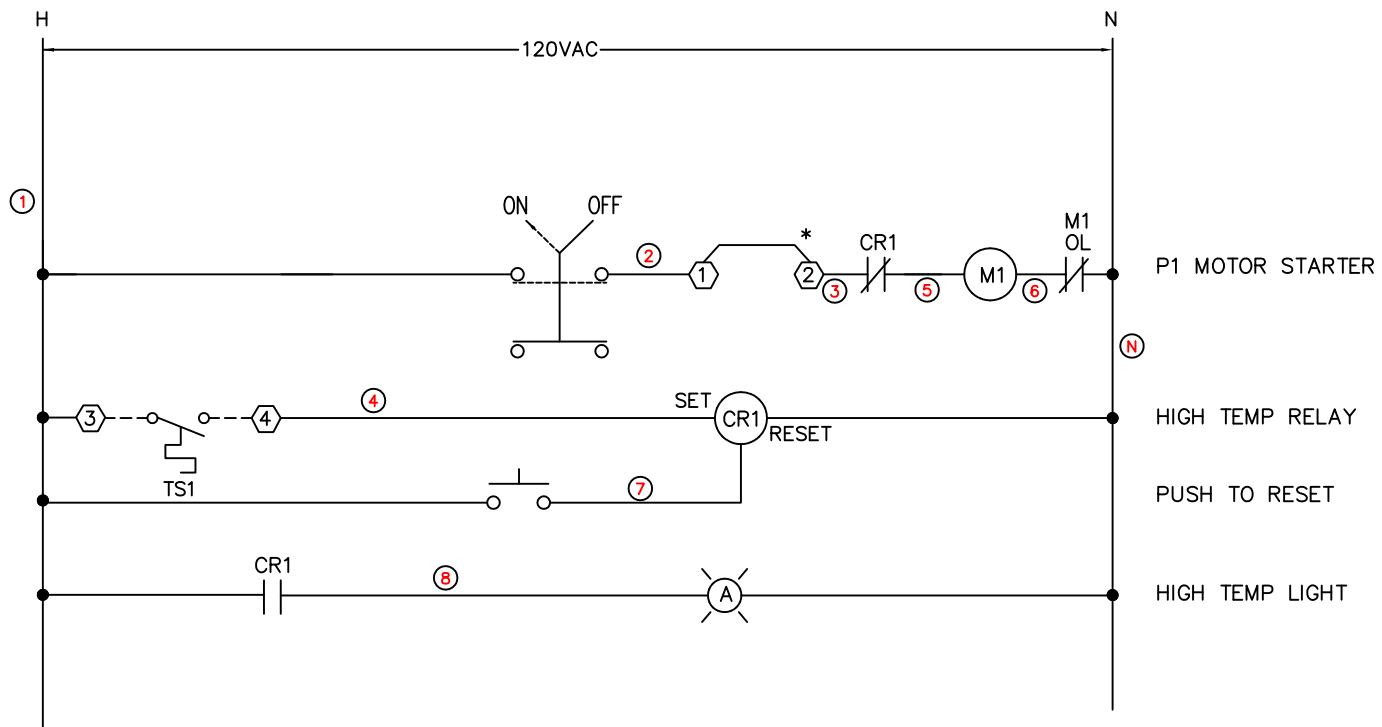
SOLD TO: Delta Process - Ruston, LA  
TAG : PINEVILLE ODOR CONTROL PUMP

SHIP TO: Delta Process - Ruston, LA

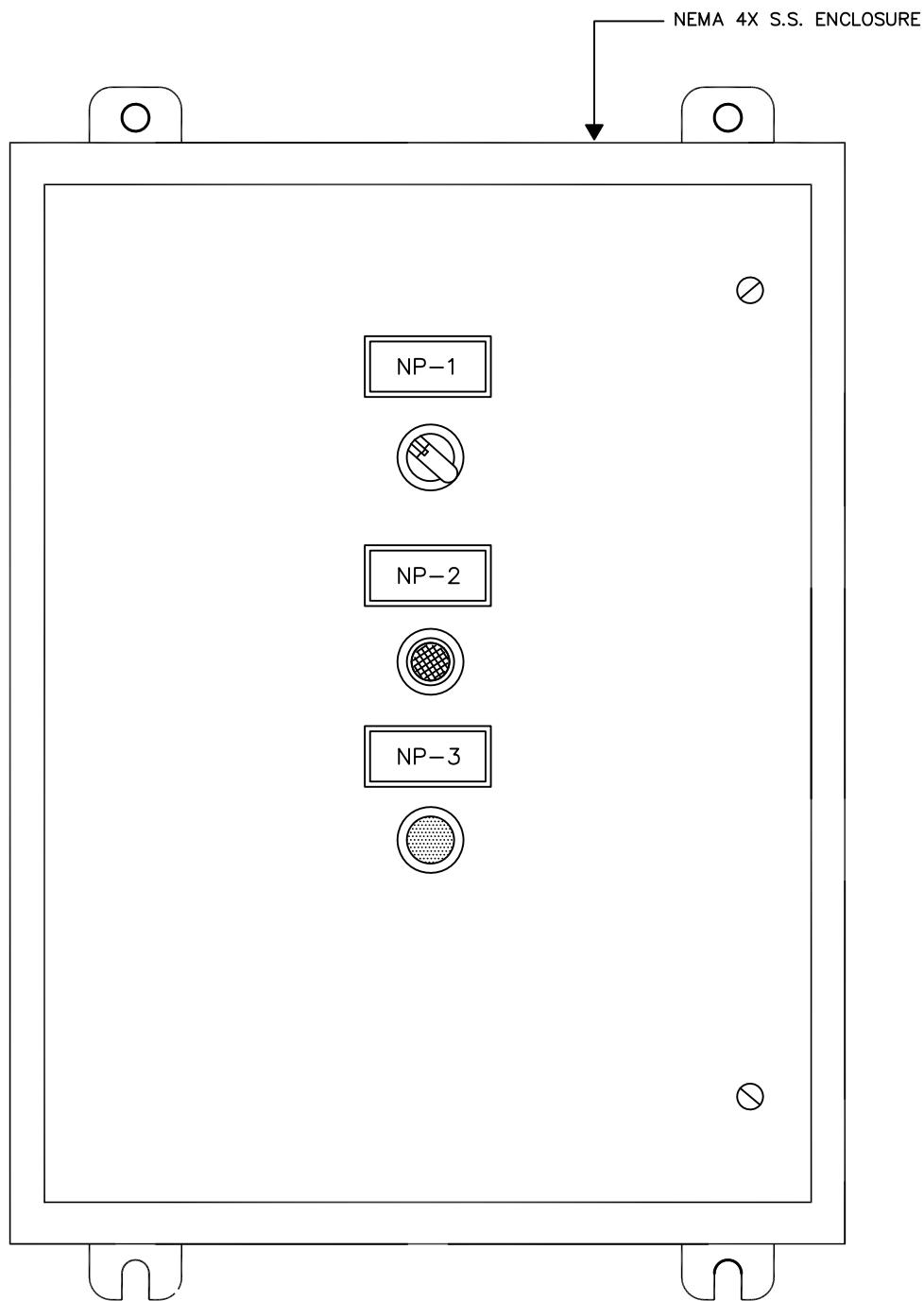
	Drawing Title							
		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
DATE	PANEL DESCRIPTION	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
2/10/06	Project Title				BY C. RACHAL	BY DATE		
	COX							
	SIMPLEX PUMP CONTROL PANEL	Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER		
						DRAWING NUMBER		
				CP-2300				
						SHEET NUMBER		
				Fax (225)755-1030		1		



	Drawing Title					
	POWER DIAGRAM					
DATE 2/10/06	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						
SIMPLEX 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-2300			
			SHEET NUMBER 2			



	Drawing Title					
	CONTROL DIAGRAM					
DATE 2/10/06	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  SIMPLEX 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-2300  SHEET NUMBER 3	



### VIEW OF FRONT DOOR

### NAMEPLATE SCHEDULE

NP-1	OFF-ON
NP-2	HIGH TEMP
NP-3	HIGH TEMP RESET

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

DATE 2/10/06	Drawing Title  ENCLOSURE								
		REFERENCE DRAWING	NO.	REVISION-LOCATION		ECN	DATE	BY	
		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED			
			C.C.	R.C.	BY C. RACHAL	BY	DATE		
Project Title  SIMPLEX PUMP CONTROL PANEL		<hr/> <b>COX</b> Research and Technology, Inc. <hr/>		P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER  DRAWING NUMBER CP-2300  SHEET NUMBER 4			

# BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	SAGINAW	SCE-16EL1208SSLP	ENCLOSURE
1a	1	SAGINAW	SCE-16P12	BACKPLATE
2	1	ABB	A16-30-10-84	MOTOR STARTER
3	1	ABB	TA25DU8.5	O.L. RELAY (6.0-8.5A)
4	1	ABB	S1NO15TL	CB1
5	1	ACI	JR22P2M11B	SELECTOR SWITCH
6	1	MARATHON	1323580	DISTRIBUTION BLOCK
7	1	ABB	T4150PSF1	TRANSFORMER
8	1	ACI	JR22FY	AMBER PILOT LIGHT
9	1	ACI	JR22AN11B	PUSH BUTTON
10	1	MAGNECRAFT	W388AMLCPX-9	LATCHING RELAY
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12				
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24				
25				

Drawing Title  <b>BILL OF MATERIALS</b>  DATE 2/10/06						
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN
Project Title  <b>SIMPLEX PUMP CONTROL PANEL</b>		S/N	Sales Engineer	Application Engineer	DRAWN	DATE APPROVED
		C.C.		R.C.	BY CRACHAL	BY DATE
		<b>COX</b> 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-2300	
					SHEET NUMBER 5	