
COX

Research and Technology, Inc.

DELTA DOWNS
WATER TREATMENT PLANT
AIR COMPRESSOR
CONTROL PANEL

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

VOLTAGE	277/480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	1	
HP	5	
FLA	6.7A	
TYPE OF PUMP	Air Compressor	(Self-Priming, Submersible)
MANUFACTURER		
CATALOG NUMBER		
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 3R	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Stainless Steel	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Remote	(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		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR	X	
NEMA RATED STARTERS	X	
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

SOLD TO:

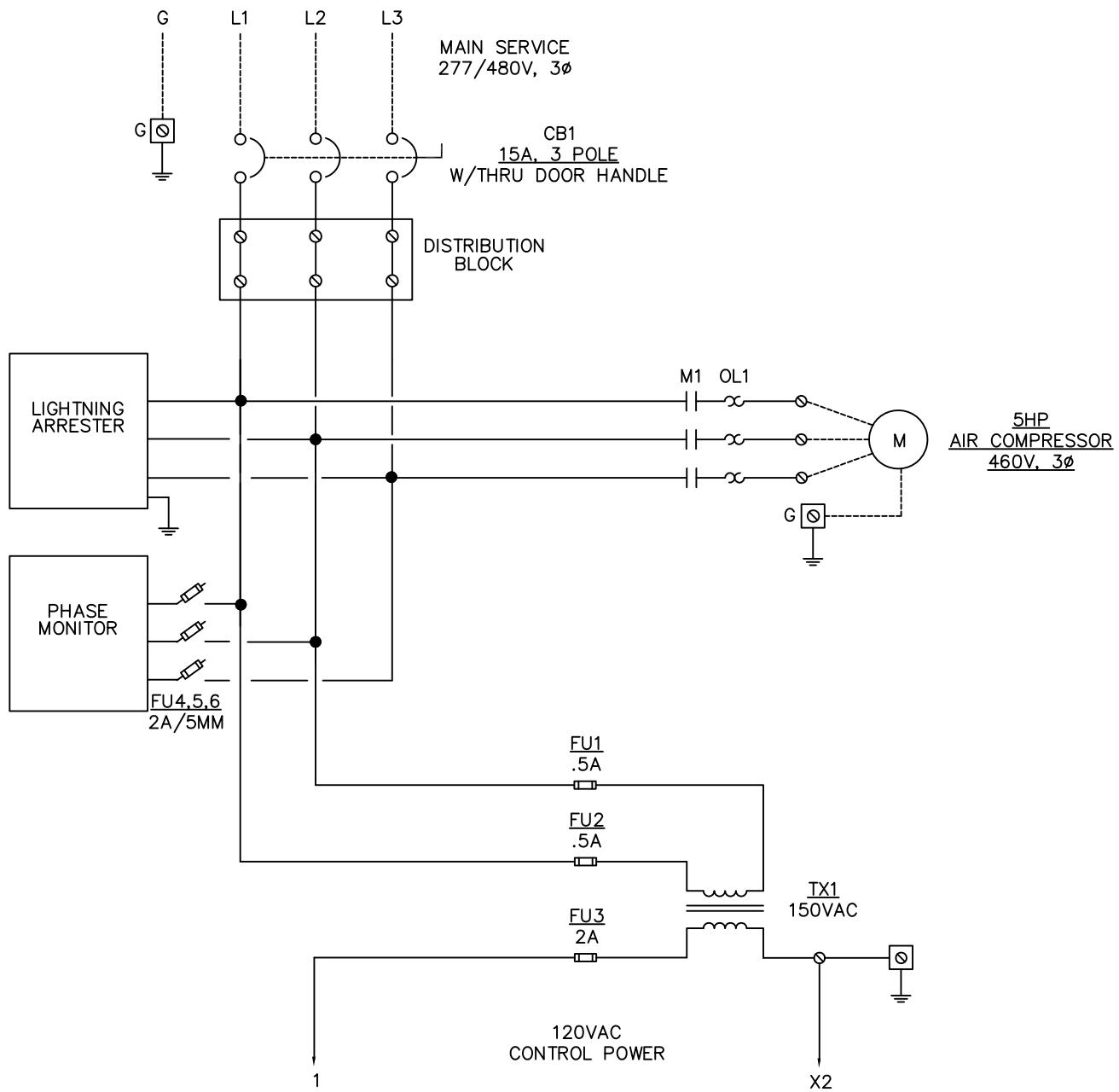
TAG :

Delta Downs Water Treatment Plant

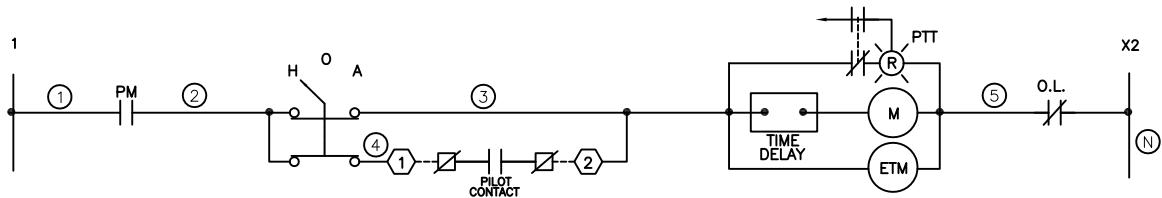
Air Compressor

SHIP TO:

	Drawing Title						
	PANEL DESCRIPTION						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
9/02/04 8/31/04		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
		C.C.	R.C.	BY C. RACHAL	BY	DATE	
	Project Title	<hr/> <hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
	AIR COMPRESSOR CONTROL PANEL				Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1888	
						SHEET NUMBER 1	

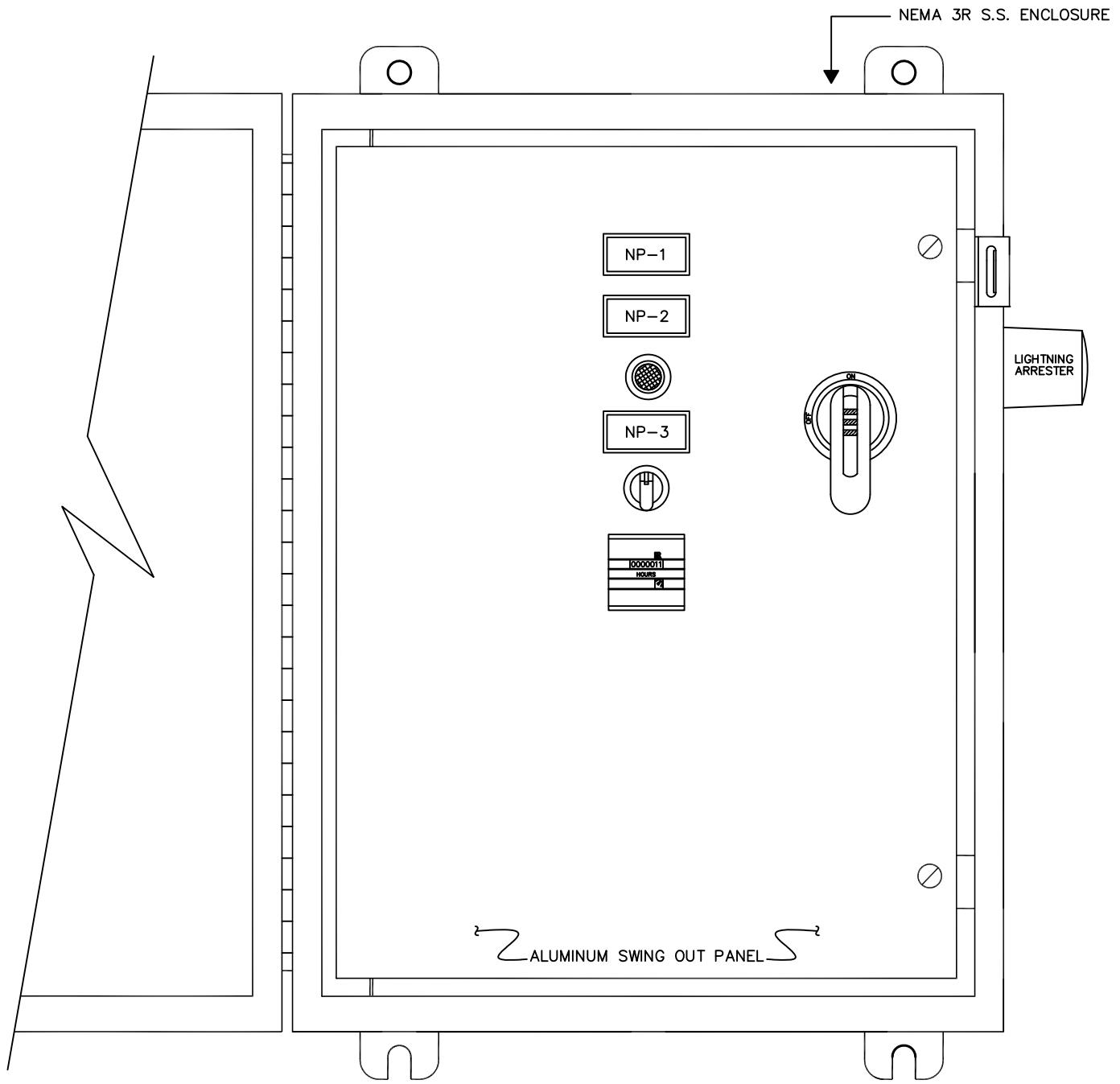


	Drawing Title POWER DIAGRAM				
DATE 9/02/04	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN Application Engineer R.C.	ECN	DATE APPROVED BY
	Project Title AIR COMPRESSOR CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1888 SHEET NUMBER 2	



AIR COMPRESSOR

	Drawing Title					
	CONTROL DIAGRAM					
DATE 9/02/04	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY
	Sales Engineer	Application Engineer R.C.			APPROVED	
				BY	DATE	
	Project Title		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
	CONTROL PANEL	COX Research and Technology, Inc.		DRAWING NUMBER	CP-1888	
			Ph. (225)756-3271 Fax (225)756-1030	SHEET NUMBER		3



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NP-1 AIR COMPRESSOR
NP-2 RUN
NP-3 HOA

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						
DATE 9/02/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE
	Project Title AIR COMPRESSOR CONTROL PANEL	<hr/> <hr/> <hr/> COX Research and Technology, Inc. <hr/> <hr/>			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
					Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1888	
						SHEET NUMBER 4	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S201610REPL	ENCLOSURE
1a	1	EBE	A2016P	BACKPLATE
1b	1	EBE	A2016SP	DEAD FRONT
2	1	ABB	S3N015TW	CB1
3	1	ABB	A26N1-30-10-84	MS1
4	1	ABB	TA25DU8.5	OL1 (6.0-8.5A)
5	1	MACROMATIC	PMPU	PHASE MONITOR
6	1	ABB	T4150PSF1	TRANSFORMER
7	1	A-B	800H-JR2A	HOA SWITCH
8	1	A-B	800H-QRT10R	RED PILOT LIGHT PTT
9	1	MARATHON	1323580	DISTRIBUTION BLOCK
10	1	REDINGTON	711-0190	ETM
11	1	ABB	OXP10X500	SHAFT
12	1	ABB	OHB65J10	HANDLE
13	1	ABB	K5VDM	MECHANISM
14	1	SIEMENS	CQD 315	CB1
15	1	SIEMENS	RHOCQVD	THRU DOOR HANDLE
16	1	SIEMENS	40DP32AF	MS1
17	1	SIEMENS	48ASD3M10	O.L. (2.5-10A)
18	1	DAYTON	2A561	TIME DELAY
19				
20				
21				
22				
23				
24				

* ALTERNATE MATERIALS

	Drawing Title BILL OF MATERIALS DATE 9/02/04						
		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 AIR COMPRESSOR CONTROL PANEL	<hr/> COX Research and Technology, Inc. <hr/>	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
			Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1888			
				SHEET NUMBER 5			