
COX

Research and Technology, Inc.

DELTA DOWNS
WATER TREATMENT PLANT
CHEMICAL
CONTROL PANEL
POLYPHOSPHATE PUMP NO. 2

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

VOLTAGE	120 V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	1	
HP	1/3	
FLA	7.2A	
TYPE OF PUMP		(Self-Priming, Submersible)
MANUFACTURER		
CATALOG NUMBER		
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	Remote	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

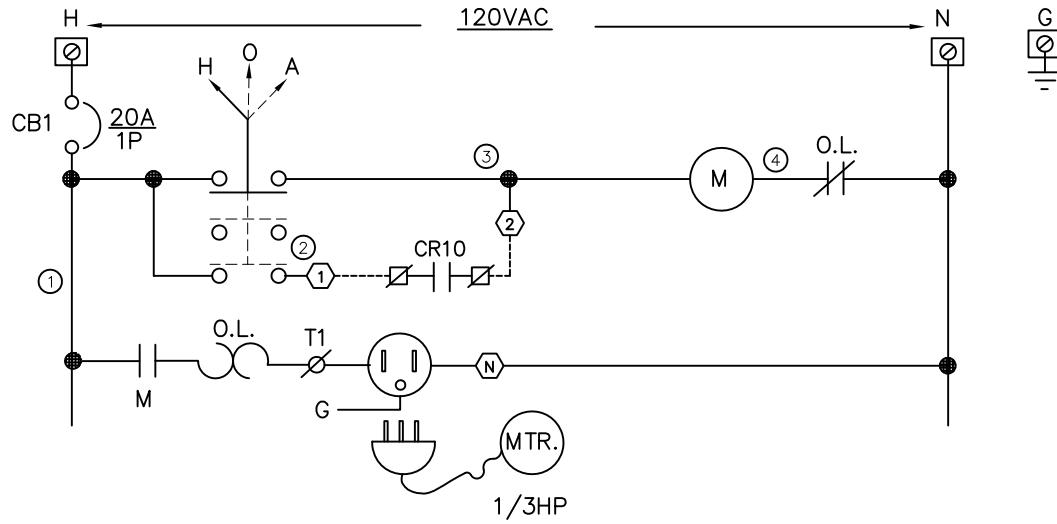
OPTIONS:

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		
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: Delta Downs Water Treatment Plant
TAG : Chemical Control Panel Polyphosphate Pump No. 2

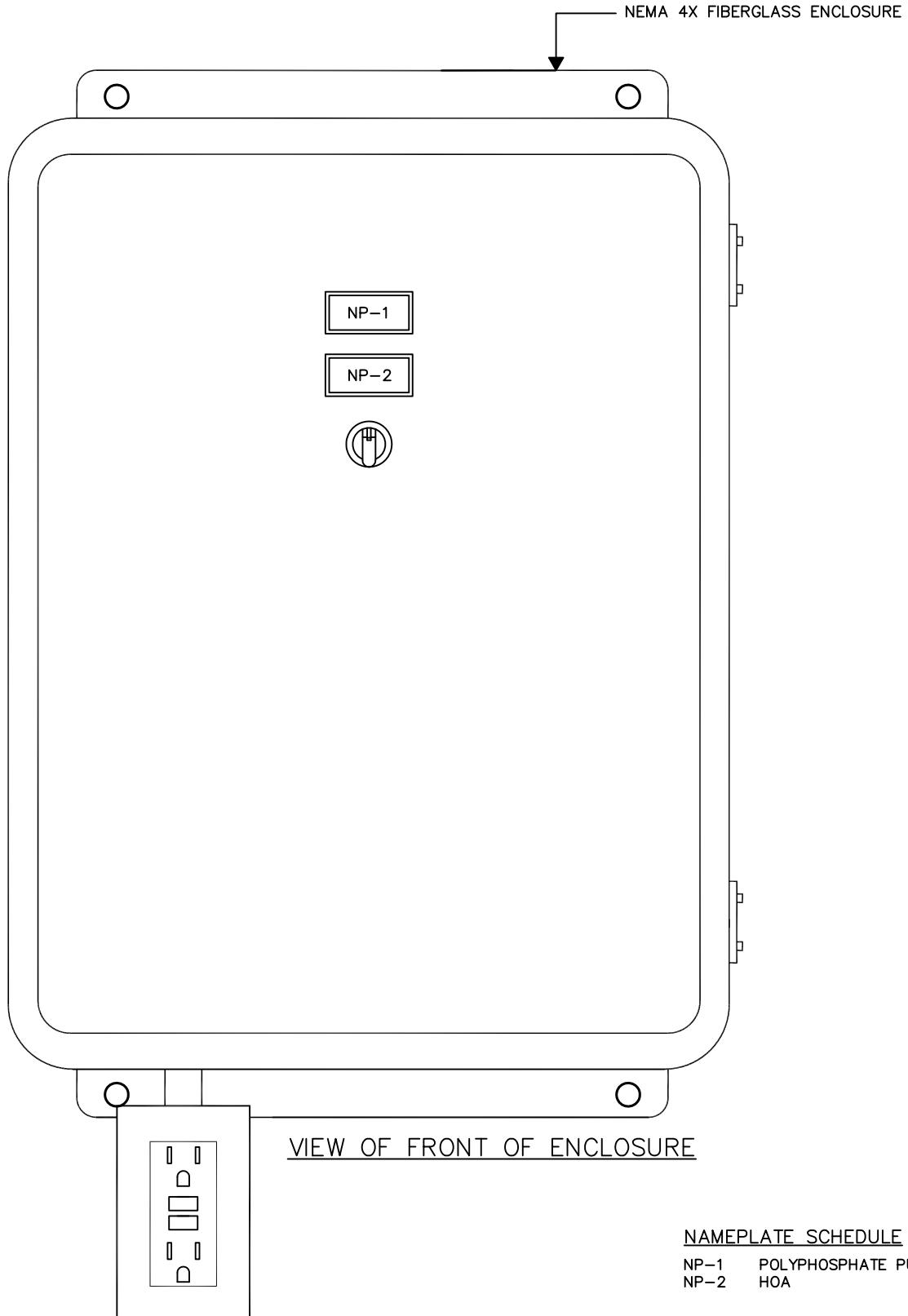
SHIP TO: _____

	Drawing Title PANEL DESCRIPTION 9/02/04 8/31/04						
		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 CHEMICAL CONTROL PANEL POLYPHOSPHATE PUMP NO. 2	<hr/> <hr/> COX <hr/> <hr/> 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-1889	
						SHEET NUMBER 1	



CHEMICAL CONTROL PANEL
POLYPHOSPHATE PUMP NO. 2

	Drawing Title					
	CONTROL DIAGRAM					
DATE 9/02/04	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY DATE	BY
Project Title CHEMICAL CONTROL PANEL POLYPHOSPHATE PUMP NO. 2	<u>COX</u> 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-1889 SHEET NUMBER 2	



NAMEPLATE SCHEDULE

NP-1	POLYPHOSPHATE PUMP 2
NP-2	HOA

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

	Drawing Title					
	ENCLOSURE					
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE BY
DATE 9/02/04	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/>			PURCHASE ORDER NUMBER	
	CHEMICAL CONTROL PANEL	Research and Technology, Inc.			DRAWING NUMBER	CP-1889
	POLYPHOSPHATE PUMP NO. 2				SHEET NUMBER	3

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1412HWPL	ENCLOSURE
1a	1	VYNCKIER	MP1412A	BACKPLATE
2	2	MARATHON	1321580	DISTRIBUTION BLOCK
3	1	SQUARE D	QOU120	CB1
4	1	ABB	A16NO-30-10-84	MOTOR STARTER
5	1	ABB	TA25DU8.5	O.L. (6.0-8.5A)
6	1	A-B	800H-JR2A	HOA
7	1	STOCK		GFI RECEPTACLE
*	8	SIEMENS	40CP32AF	MOTOR STARTER
*	9	SIEMENS	48ASD3M10	O.L.
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

* ALTERNATE MATERIALS

	Drawing Title						
	BILL OF MATERIALS						
DATE 9/02/04	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		COX		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
	CHEMICAL CONTROL PANEL		Research and Technology, Inc.		Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1889	
	POLYPHOSPHATE PUMP NO. 2					SHEET NUMBER 4	