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COX

Research and Technology, Inc.

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DELTA DOWNS  
WATER TREATMENT PLANT  
CHEMICAL  
CONTROL PANEL  
POLYPHOSPHATE MIXER

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

CP-1890

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:

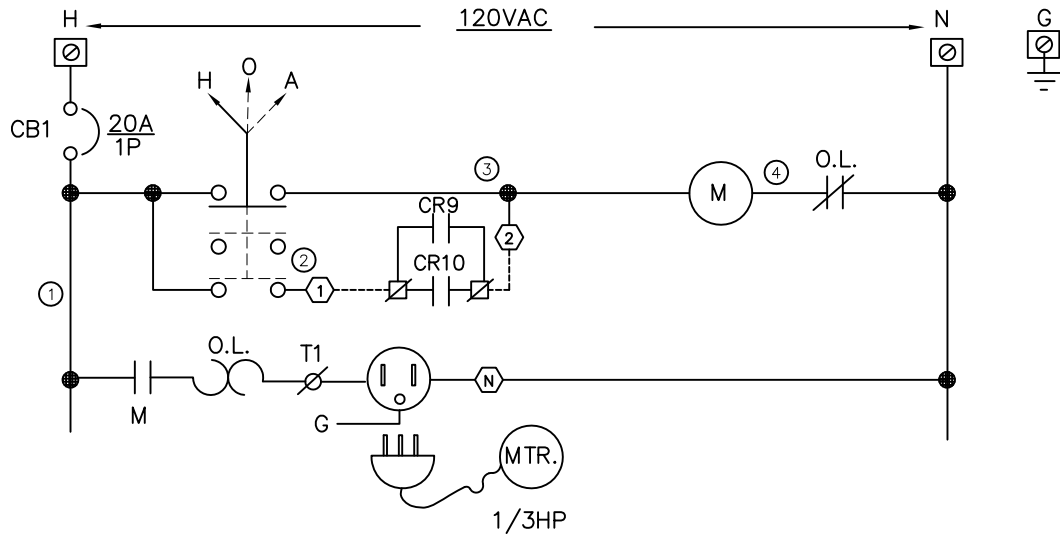
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN		(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT		
LIGHT PANEL MTD		
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER		
ELAPSED TIME METER		
PHASE MONITOR		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

TAG : Delta Downs Water Treatment Plant  
Chemical Control Panel Polyphosphate Mixer

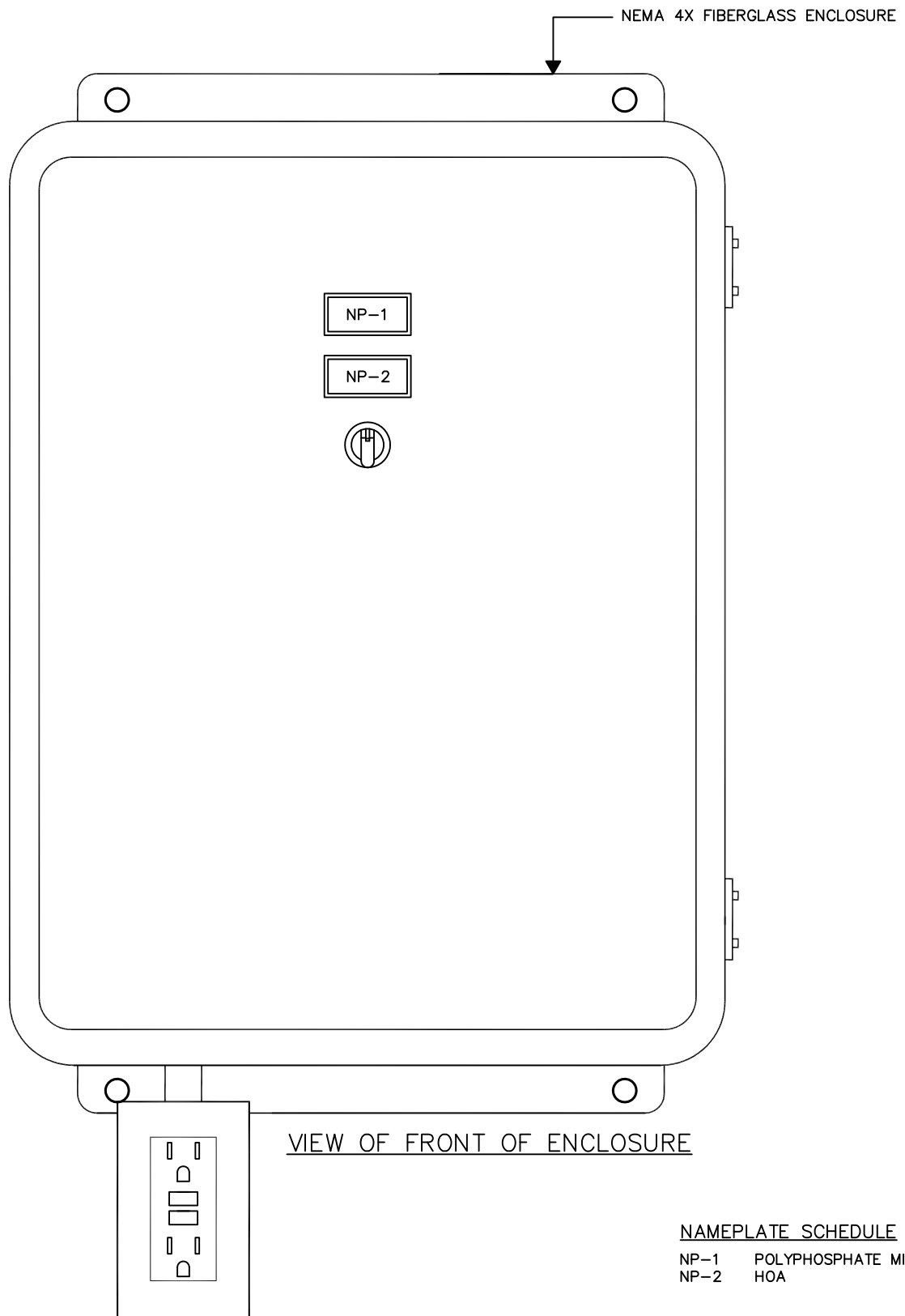
SHIP TO:

	Drawing Title						
	PANEL DESCRIPTION						
9/02/04 8/31/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
	Project Title	<div> <div>COX</div> <div>Research and Technology, Inc.</div> </div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER  DRAWING NUMBER CP-1890 SHEET NUMBER 1
	CHEMICAL CONTROL PANEL POLYPHOSPHATE MIXER						



CHEMICAL CONTROL PANEL  
POLYPHOSPHATE MIXER

	Drawing Title							
	CONTROL DIAGRAM							
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
9/02/04		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	APPROVED	BY	DATE
	Project Title	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
	CHEMICAL CONTROL PANEL POLYPHOSPHATE MIXER				Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1890	
							SHEET NUMBER 2	



**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 POLYPHOSPHATE MIXER  
NP-2 HOA

	Drawing Title								
	ENCLOSURE								
DATE	9/02/04	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY		
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	APPROVED	BY	DATE	
	Project Title	<div style="text-align: center;"> <b>COX</b>  Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER		
	CHEMICAL CONTROL PANEL POLYPHOSPHATE MIXER				Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1890		
							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	1	SIEMENS	40CP32AF	MOTOR STARTER
* 9	1	SIEMENS	48ASD3M10	O.L. (2.5-10A)
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11				
12				
13				
14				
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16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

\* ALTERNATE MATERIALS

	Drawing Title							
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>							
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	BY
		<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 100px;"> <h1 style="margin: 0;">COX</h1> <p style="margin: 0; font-size: small;">Research and Technology, Inc.</p> </div>		<p style="margin: 0; font-size: small;">P.O. Box 77808 Baton Rouge, LA 70809</p> <p style="margin: 0; font-size: small;">Ph. (225)756-3271 Fax (225)756-1030</p>		<p style="margin: 0; font-size: small;">PURCHASE ORDER NUMBER</p> <hr/> <p style="margin: 0; font-size: small;">DRAWING NUMBER CP-1890</p> <hr/> <p style="margin: 0; font-size: small;">SHEET NUMBER 4</p>		
	Project Title	<h2 style="margin: 0;">CHEMICAL CONTROL PANEL POLYPHOSPHATE MIXER</h2>						