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# COX

Research and Technology, Inc.

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## TANK TEMPERATURE CONTROL PANEL

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

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

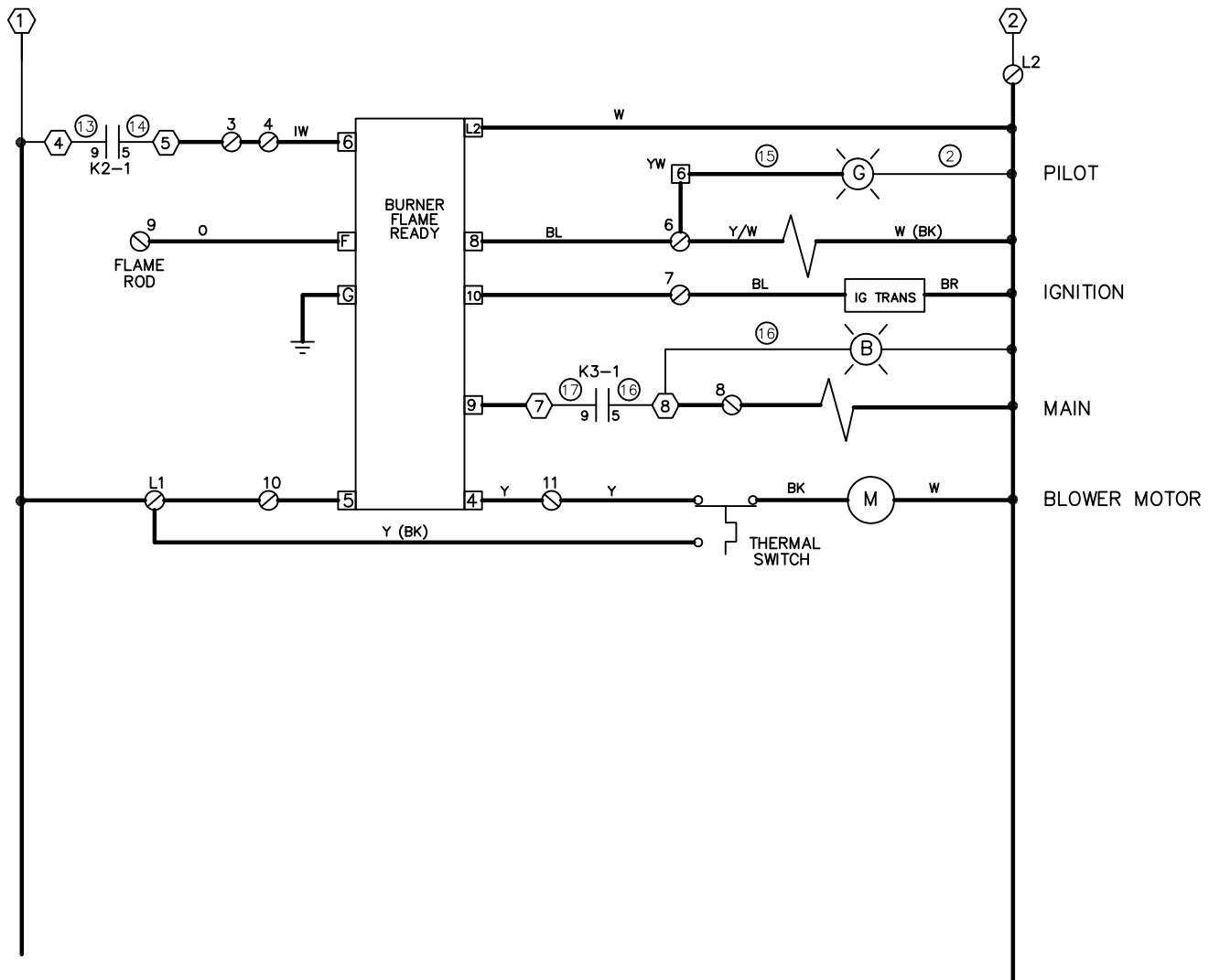
OPTIONS:

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: GORDON SITTS CONSULTING, INC.  
TAG : Tank Temperature Control Panel

SHIP TO: GORDON SITTS

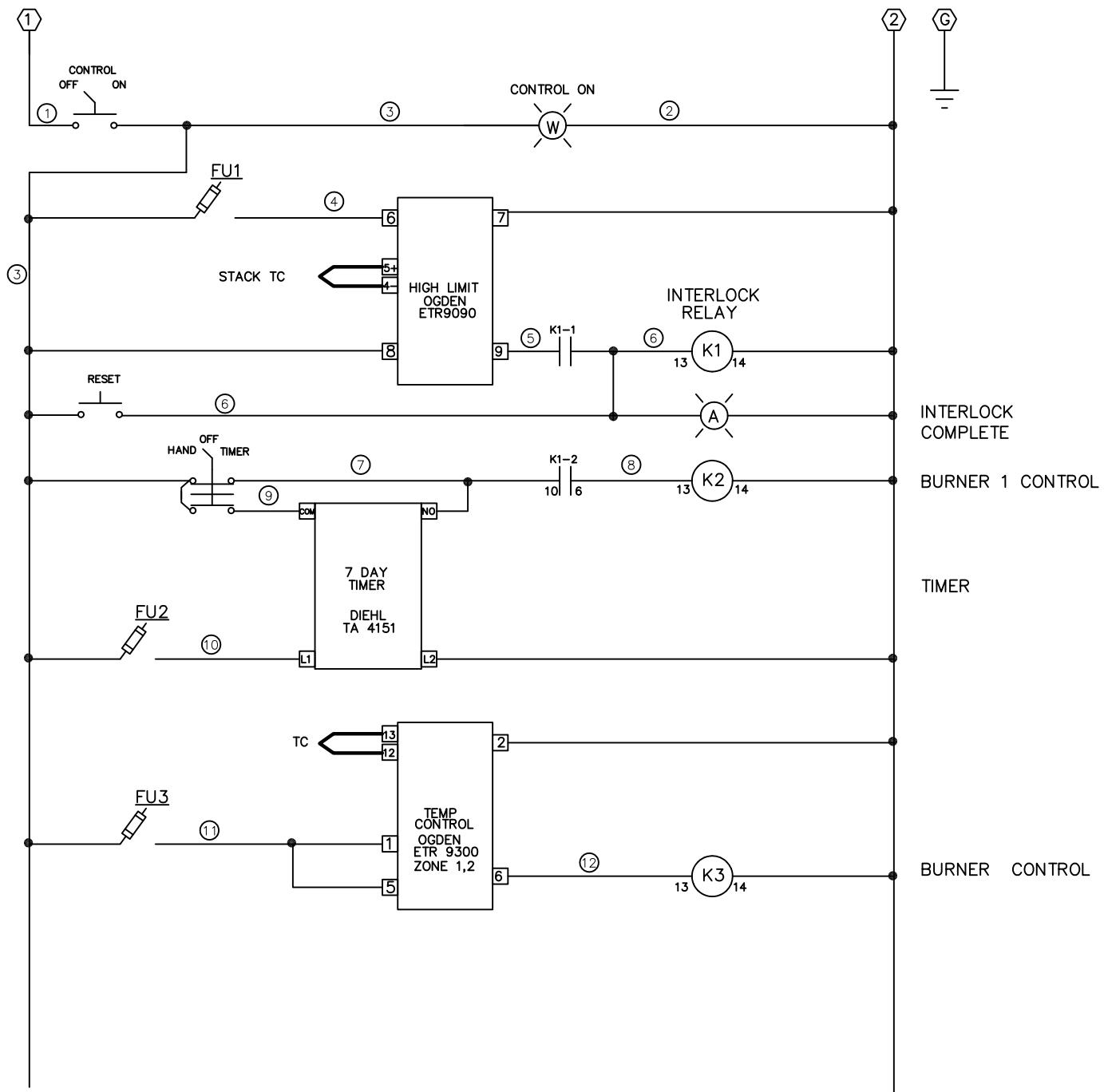
	Drawing Title							
	PANEL DESCRIPTION							
		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
		S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	BY
DATE 12/30/03			C.C.	R.C.	BY C. RACHAL		BY	DATE
	Project Title  TANK TEMPERATURE CONTROL PANEL	<u>COX</u> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
				Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1725		SHEET NUMBER 1	



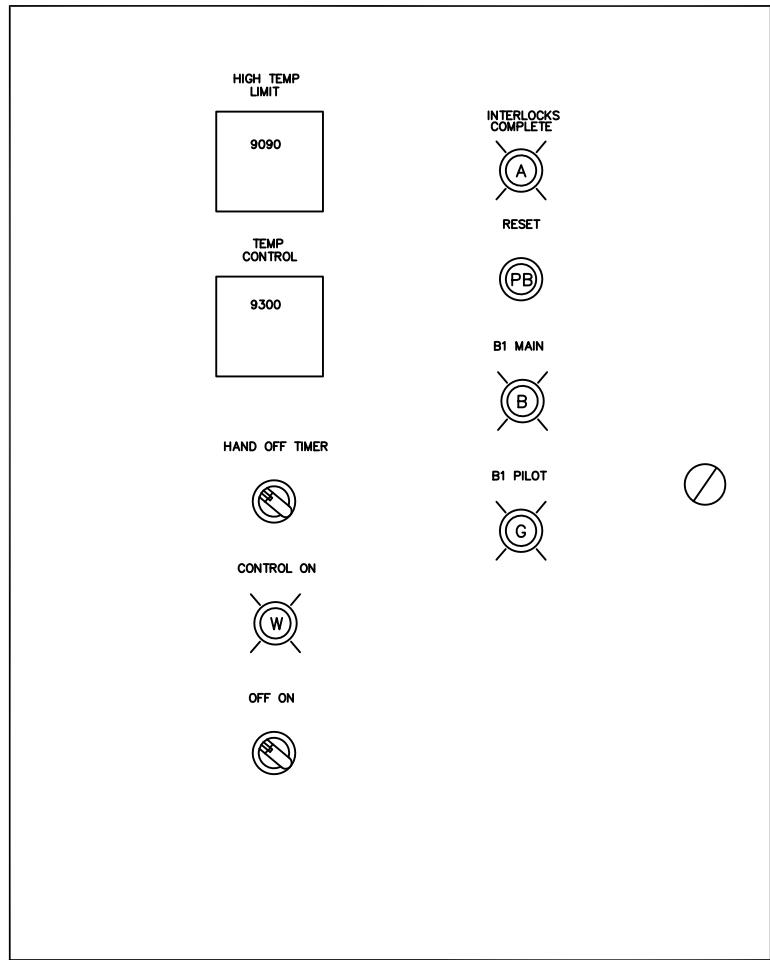
BOLD LINES ARE FIELD WIRED

- (1) WIRE NUMBERS
- (2) TERMINAL ON PLC
- (3) TERMINAL IN CONTROL CABINET
- (4) BURNER TERM

	Drawing Title  CONTROL DIAGRAM				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN APPROVED BY DATE
DATE 12/30/03		Application Engineer R.C.			
	Project Title  TANK TEMPERATURE 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-1725 SHEET NUMBER 2



	Drawing Title  CONTROL DIAGRAM				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN APPROVED BY DATE
DATE 12/30/03		Application Engineer R.C.			
	Project Title  OMEGA PROTEIN CAMERON SEPARATOR CONTROL		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-1725 SHEET NUMBER 3

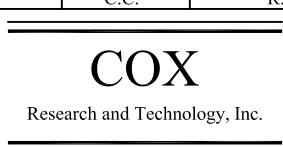


VIEW OF FRONT DOOR

	Drawing Title					
	ENCLOSURE					
DATE 12/30/03	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 TANK TEMPERATURE CONTROL PANEL	<u>COX</u> Research and Technology, Inc. <u>COX</u>			PURCHASE ORDER NUMBER	
					DRAWING NUMBER	CP-1725
					SHEET NUMBER	4

## BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	AUTODIRECT	ECX1056-120	IND LAMP WHITE
2	1	AUTODIRECT	ECX1052-120	IND LAMP GREEN
3	1	AUTODIRECT	ECX1053-120	IND LAMP YELLOW
4	1	AUTODIRECT	ECX1054-120	IND LAMP BLUE
5	1	WIELAND	Z4.242.6053.0	TERMINAL LABEL
6	10	WIELAND	57.504.0055.0	TERMINALS
7	1	WIELAND	07.311.0155.0	END PLATE
8	1	WIELAND	57.904.5355.0	FUSE BLOCKS
9	1	ABB	98.300.1000.0	DIN RAIL
10	1	ABB	05143	1X1 W/COVER 6'
11	2	ACI	SCUSL	END BLOCKS
12	3	IDECA	RH2BUAC120V	2 POLE RELAY
13	3	IDECA	SH2B05	2 POLE RELAY BASE
14	6	BAYOU IND.		TAGS
15	1	OGDEN	ETR 9300-411110	TEMP CONTROL
16	1	OGDEN	ETR 9090	HIGH LIMIT
17	1	DHEIL	2A518	TIMER
18	1	SAGINAW	20168N412	CABINET
19	1	SAGINAW	2016P	BACKPLATE
20				
21				
22				
23				
24				
25				

	Drawing Title								
	BILL OF MATERIALS								
			REFERENCE DRAWING		NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 12/29/03			S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
				C.C.	R.C.	BY C. RACHAL	BY	DATE	
	Project Title		 <b>COX</b> Research and Technology, Inc. 			PURCHASE ORDER NUMBER  P.O. Box 77808 Baton Rouge, LA 70809  DRAWING NUMBER CP-1725  SHEET NUMBER 5			
	TANK TEMPERATURE CONTROL PANEL								