
COX

Research and Technology, Inc.

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

CP-1725


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

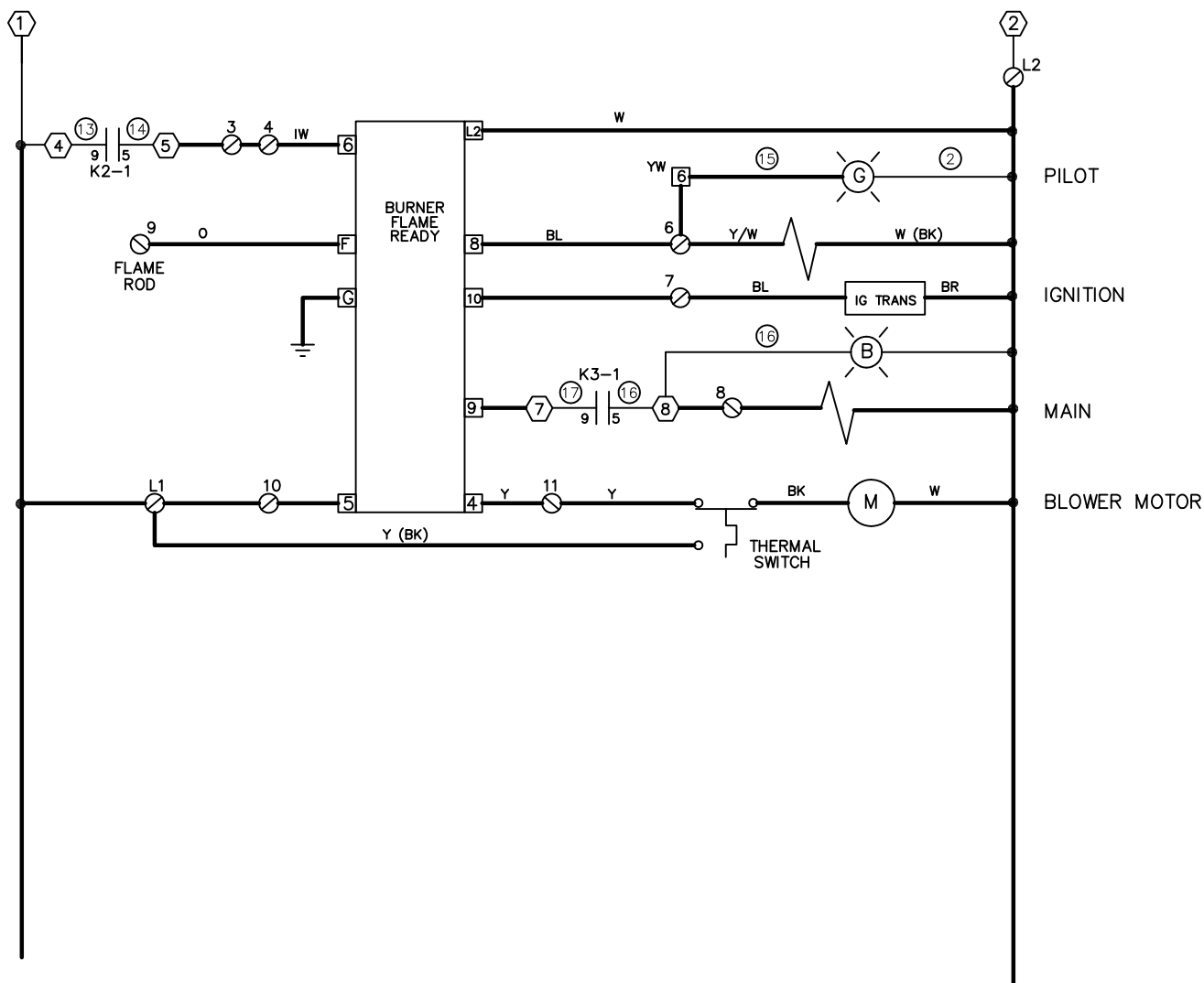
OPTIONS:

SEAL FAIL LIGHTS	<u></u>	(Submersible Only)
SEAL FAIL RELAYS	<u></u>	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	<u></u>	(Submersible Only)
HT PUMP SHUTDOWN	<u></u>	(Self-Primer, Submersible)
ALARM HORN	<u></u>	
ALARM LIGHT	<u></u>	
LIGHT PANEL MTD	<u></u>	
LIGHT REMOTE MTD	<u></u>	
LIGHT FLASHER	<u></u>	
LIGHTNING ARRESTER	<u></u>	
ELAPSED TIME METER	<u></u>	
PHASE MONITOR	<u></u>	
NEMA RATED STARTERS	<u></u>	
GROUND FAULT RECPT.	<u></u>	
GREEN RUN LIGHTS VS. RED	<u></u>	
POLE, BOX, SEAL	<u></u>	
INTRINSICALLY SAFE RELAYS	<u></u>	
HIGH TEMP. LOCKOUT, MANUAL RESET	<u></u>	
ECONOMY VERSION	<u></u>	

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

SHIP TO: GORDON SITTS

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



BOLD LINES ARE FIELD WIRED

- ②7 WIRE NUMBERS
- ⓧ2 TERMINAL ON PLC
- ⬡ TERMINAL IN CONTROL CABINET
- ⊗ BURNER TERM

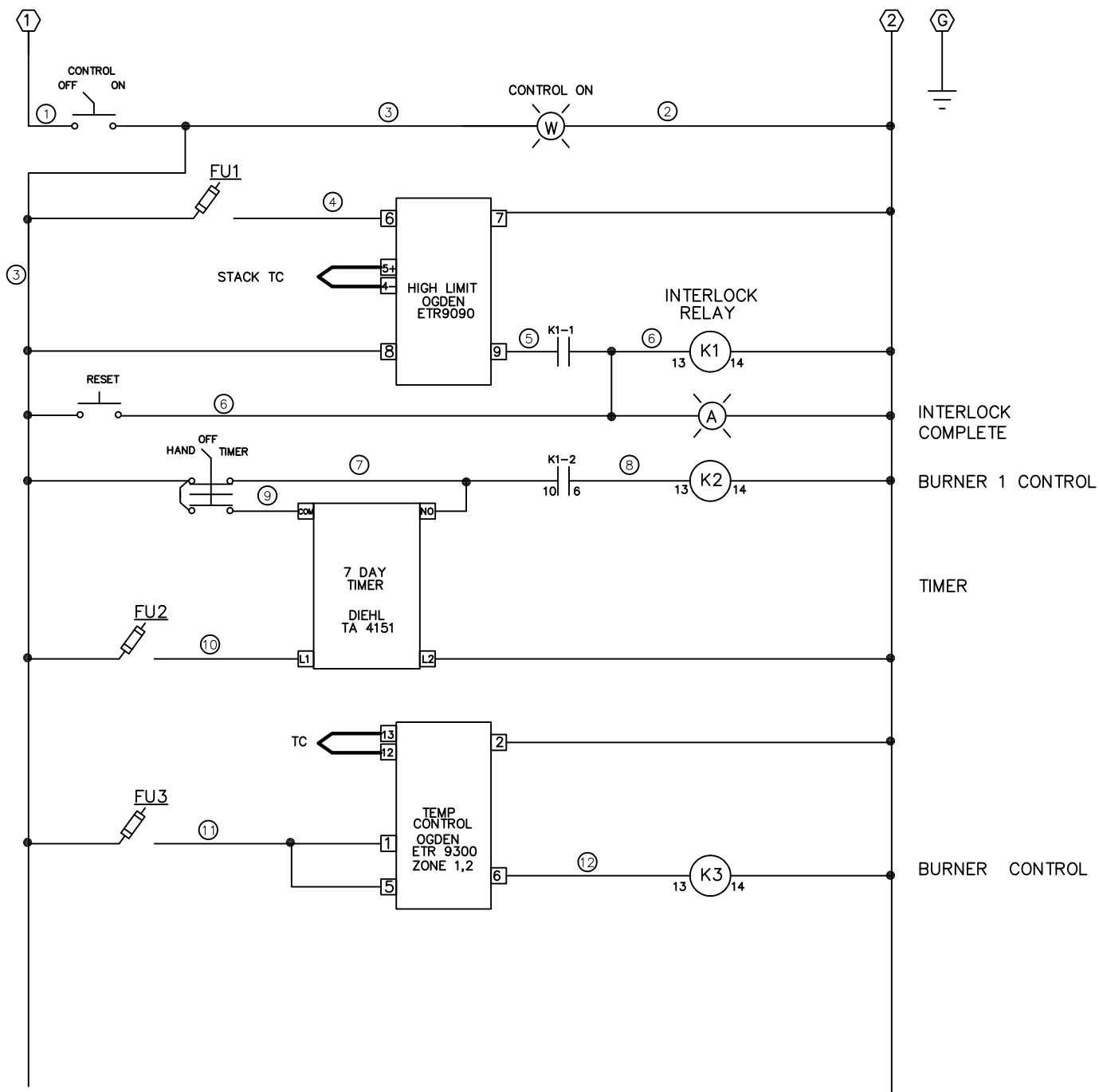
	Drawing Title						
	CONTROL DIAGRAM						
DATE	12/30/03	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	APPROVED	
	Project Title					PURCHASE ORDER NUMBER	
	TANK TEMPERATURE CONTROL PANEL					DRAWING NUMBER CP-1725	
						SHEET NUMBER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

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BOLD LINES ARE FIELD WIRED

- ②7 WIRE NUMBERS
- ✕2 TERMINAL ON PLC
- ⬡ TERMINAL IN CONTROL CABINET
- ⊗ BURNER TERM

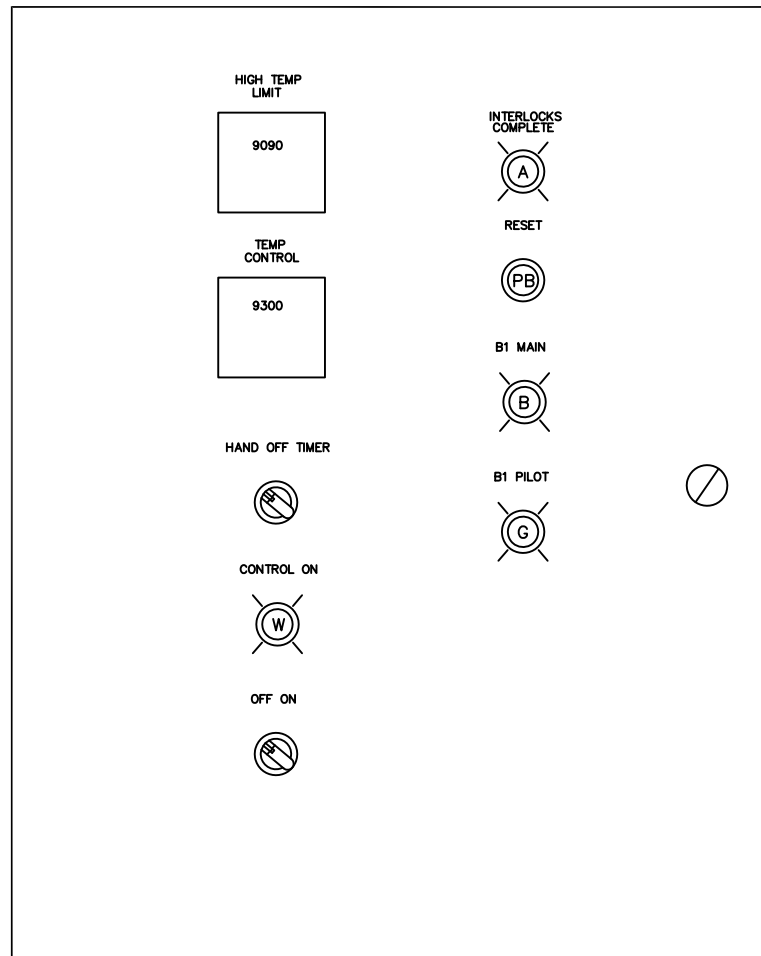
Drawing Title							
CONTROL DIAGRAM							
DATE		REFERENCE DRAWING		NO.		REVISION-LOCATION	
12/30/03		S/N		Sales Engineer		Application Engineer	
Project Title		C.C.		R.C.		BY C. RACHAL	
OMEGA PROTEIN CAMERON SEPARATOR CONTROL						APPROVED	
						BY	
						DATE	
						PURCHASE ORDER NUMBER	
						DRAWING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

COX

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VIEW OF FRONT DOOR

	Drawing Title						
	ENCLOSURE						
DATE 12/30/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY
	Project Title	DRAWN BY C. RACHAL			APPROVED BY DATE		
	TANK TEMPERATURE CONTROL PANEL	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	IDEC	RH2BUAC120V	2 POLE RELAY
13	3	IDEC	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						
DATE 12/29/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> COX <small>Research and Technology, Inc.</small> </div>			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 <div style="text-align: right;">5</div>
	TANK TEMPERATURE CONTROL PANEL						