
COX

Research and Technology, Inc.

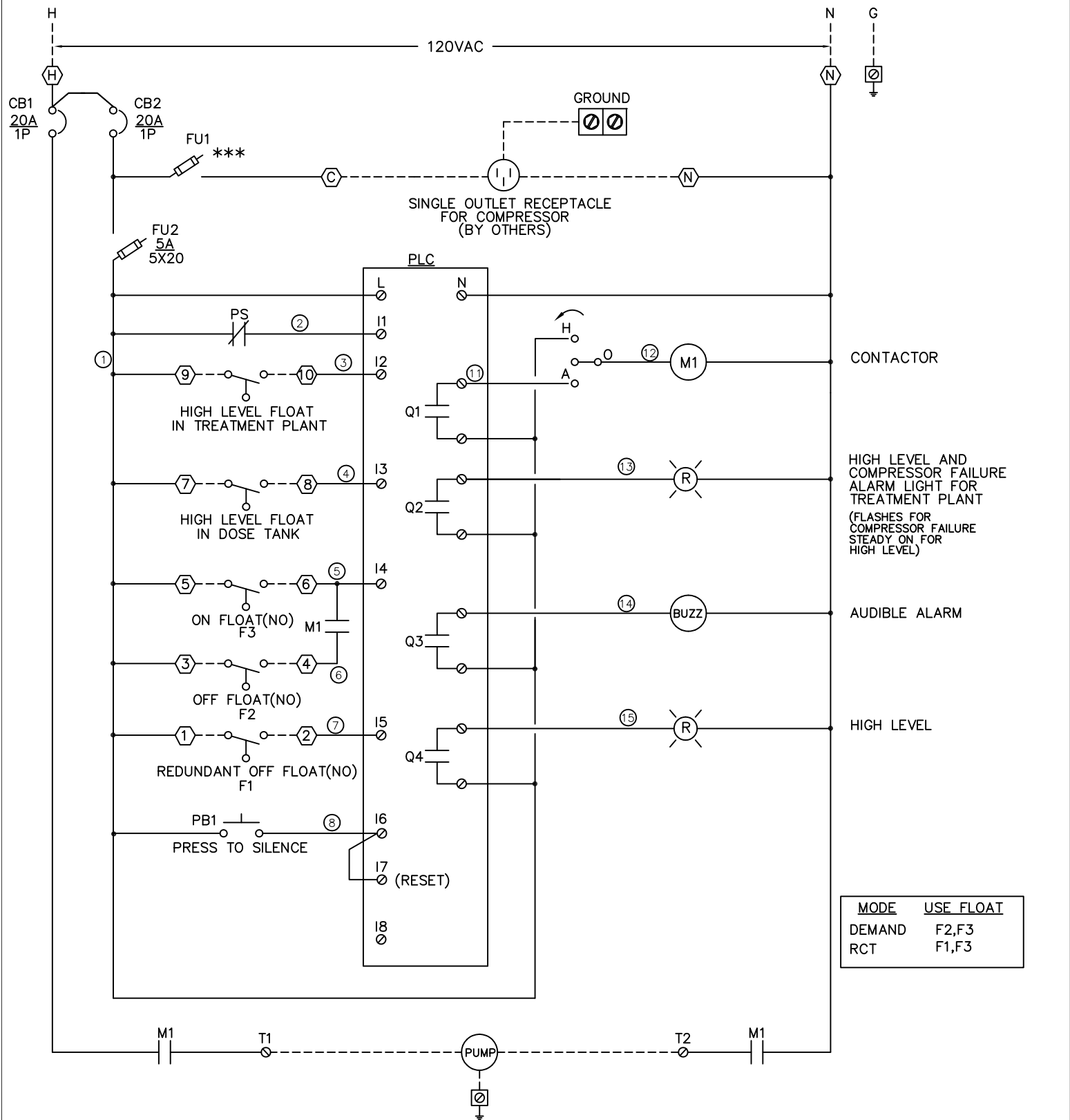
PUMP & COMPRESSOR CONTROL PANEL

2056B

7/27/16

Cox Research and Technology, Inc.
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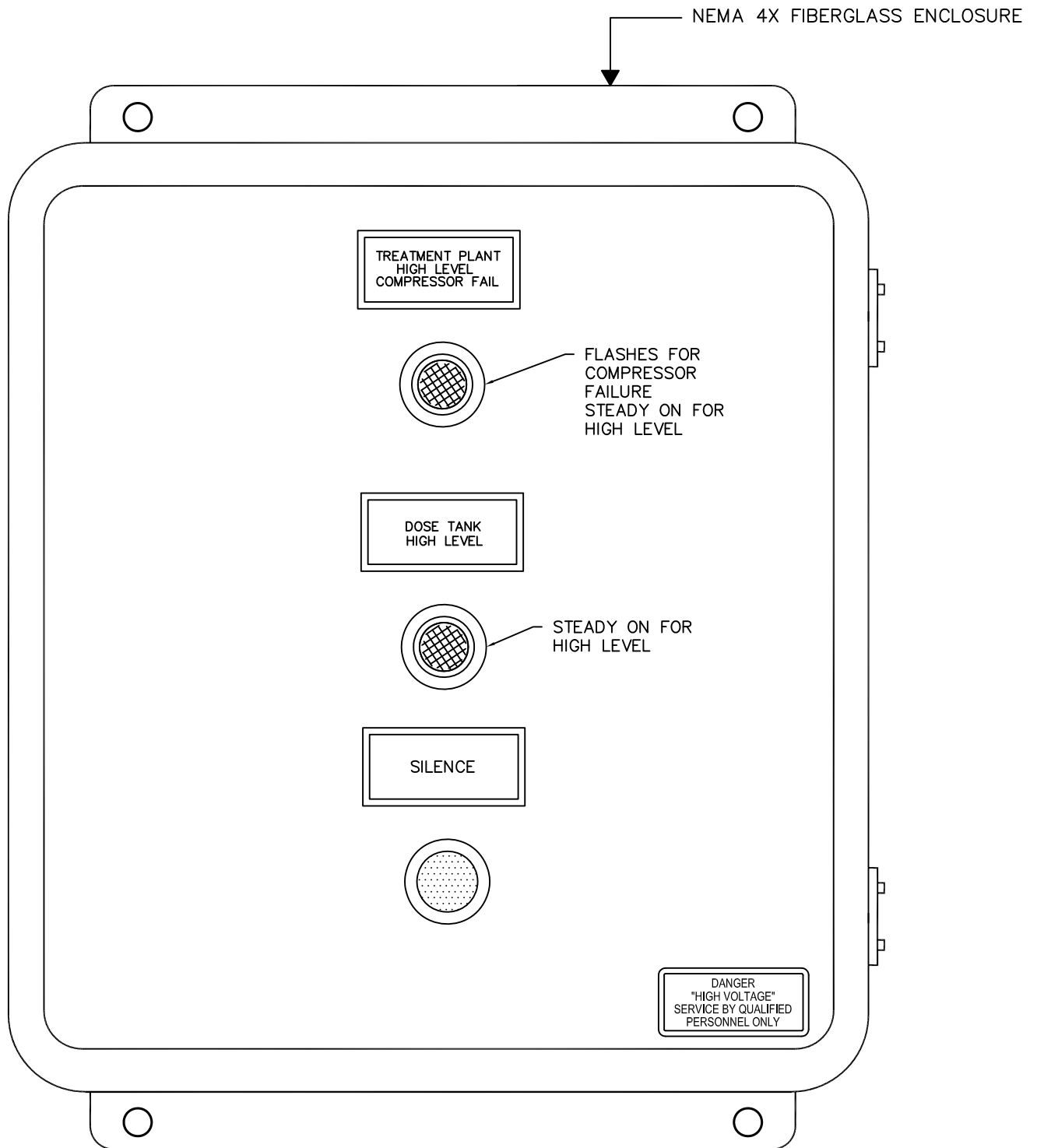
CP-2056B
RA SPECIAL



***FUSE SIZE VARIES WITH COMPRESSOR SIZE PER NATIONAL ELECTRIC CODE
FACTORY SHIPPED WITH 5A, GDC

PROGRAM: CP2056Ar5
RA SPECIAL

	Drawing Title								
	POWER/CONTROL DIAGRAM								
DATE 7/27/16		REFERENCE DRAWING	NO.	REVISION-LOCATION			ECN	DATE	BY
	S/N	Sales Engineer C.C.	Application Engineer R.C.		DRAWN BY A.F.		APPROVED BY DATE		
	Project Title					P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
	PUMP & COMPRESSOR CONTROL PANEL	COX Research and Technology, Inc.				Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER	
								CP-2056B RA SPECIAL	
								SHEET NUMBER	
								1	



VIEW OF FRONT OF ENCLOSURE

	Drawing Title								
	ENCLOSURE								
DATE 7/27/16		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	APPROVED	
	Project Title	DRAWN BY A.F.			APPROVED BY DATE		PURCHASE ORDER NUMBER		
	PUMP & COMPRESSOR CONTROL PANEL	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2056B RA SPECIAL SHEET NUMBER		
							2		

PARAMETERS

B033 - RCT ON TIME (TH=12:00M)
RCT OFF TIME (TL=02:00H)

B034 - SHORT CYCLE RCT ON TIME (TH=12:00M)
SHORT CYCLE RCT OFF TIME (TH=01:00H)

B100 - ON = STOPS PUMP ON AIR COMPRESSOR FAILURE

*B100 - OFF = DOES NOT STOP PUMP

B101 - ON = STOPS PUMP ON HIGH LEVEL IN TREATMENT PLANT

*B101 - OFF = DOES NOT STOP PUMP

B102 - ON =

*B102 - OFF = FACTORY SET TO OFF

*B103 - OFF = RCT MODE

ON = DEMAND MODE

*B104 - ON = AUTO RESET OF HLDT ALARM

B104 - OFF = MANUAL RESET OF HLDT ALARM

* = FACTORY SETTING

OTHER

THERE IS A 2 MINUTE DELAY ON POWER UP BEFORE PUMP WILL RUN.

LOSS OF COMPRESSOR ALARM AND SHUTDOWN FACTORY SET AT 15 SECONDS.

PUMP DELAYS 2 SECONDS WHEN CALLED TO RUN VIA FLOAT SWITCH.

PUMP ETM AND START COUNTS ARE "CALL FOR" SIGNALS IN AUTO MODE.

THIS SHOULD ACCOUNT FOR 99% OF ALL RUN TIME AND COUNTS.

OPERATION :

1. RCT STARTS IN ON MODE WHEN ON FLOAT IS UP. PUMP WILL STOP WHEN ON FLOAT IS DOWN AND OFF FLOAT DROPS.

2. TO OPERATE IN DEMAND MODE, SET B033 & B034 TO LONG ON TIMES.