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# COX

Research and Technology, Inc.

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## LOAD CENTER CONTROL PANEL

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

CP-1470

The diagram illustrates a 3-phase power distribution system. At the top left, a ground symbol is connected to a ground fault indicator (a circle with a diagonal line). The main supply consists of three phases labeled L1, L2, and L3. These phases pass through a 30A 3-phase main disconnect (CB1) with a door handle. The output of CB1 is connected to a 20A 3-phase circuit breaker (CB2). The output of CB2 is connected to a 3-phase load labeled 'TO X-FORM'. A ground fault indicator is also connected to the ground line between CB1 and CB2.

20 CIRCUIT LOAD CENTER  
W/10 15A CIRCUIT BREAKERS

[illegible]

## BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S36308N4X	S.S. 4X ENCLOSURE
2	1	EBE	A3630P	BACKPLATE
3	1	SQ D	Q0320L125G	LOAD CENTER
4	1	SQ D	Q0C24US	COVER
5	1	SQ D	6T2F	X-FORM 6KVA
6	10	SQ D	Q0115	15A 1P CIRCUIT BREAKERS
7	1	SQ D	Q0U320	20A 3P
8	1	ABB	S1N030TL	30A 3P
9	1	ABB	S1N020TL	20A 3P
10	1	ABB	K2VD-M	MECHANISM
11	1	ABB	OXP10X225	SHAFT
12	1	ABB	OHB65J10	HANDLE

	Drawing Title						
	BILL OF MATERIALS						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
9/17/02		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY	DATE
	Project Title	<div style="border-top: 3px double black; border-bottom: 3px double black; padding: 5px;"> <b>COX</b>  Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER  DRAWING NUMBER CP-1470 SHEET NUMBER 2
	PIPETECH VALVE CONTROL PANEL						