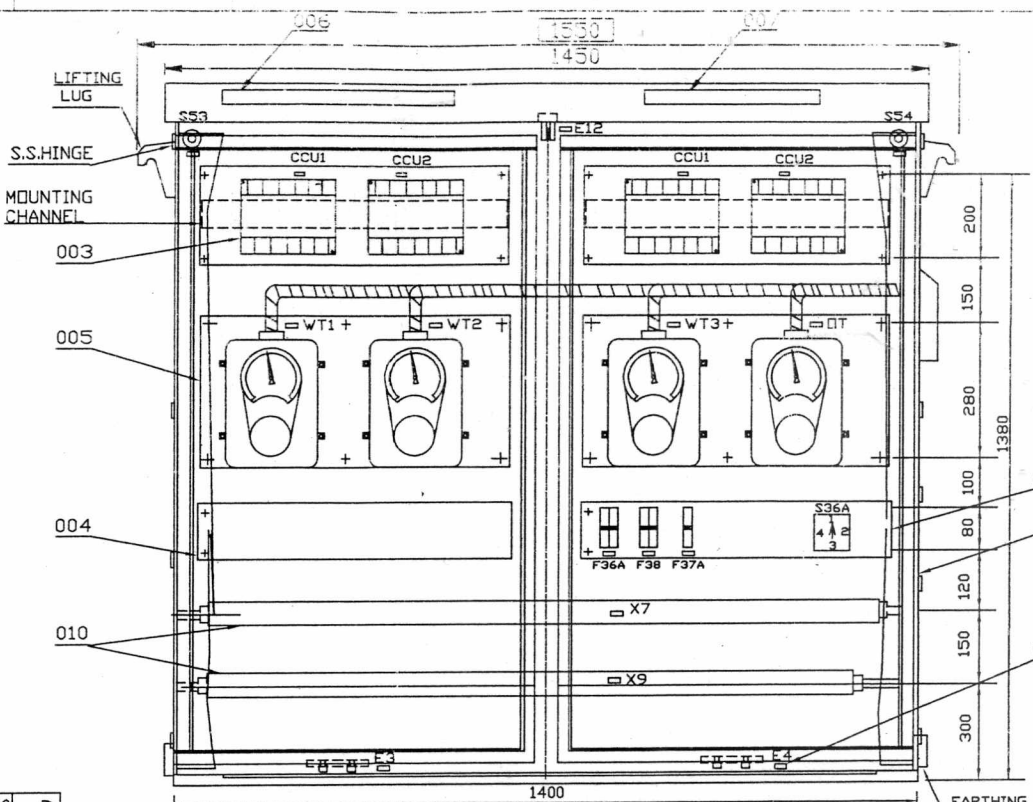
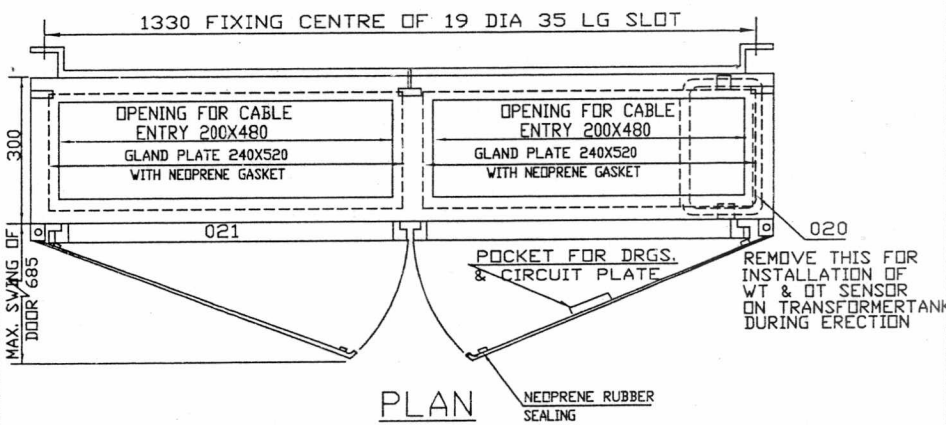


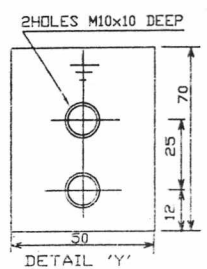
DRG.No.34596250168



FRONT VIEW



PLAN



DETAIL 'Y'

INVENTORY NO.	SIGN AND DATE	REF DRG NO.
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REV	DATE	ALTERED	REV	DATE	ALTERED
		CHECKED			CHECKED
		APPROVED			APPROVED
ZONE			ZONE		

1	2	3	4	5	6	7	8	9	10	11	12
REV	DATE	ALTERED	BDST	REV	DATE	ALTERED	BDST	REV	DATE	ALTERED	BDST
01	01/07/2016	CHECKED									
ZONE											

ADDITIONAL INFORMATION		71512A17103	
STATUS OF DRAWING		-U-	
DISTRIBUTION OF PRINTS			
REV		DATE	
01		01/07/2016	
ZONE			
DRG REVISED AS PER REVISED COOLER DRG & PGCL COMMENTS.			
TITLE		GENERAL ARRANGEMENT OF MARSHALLING BOX-2	
DEPT-TRF		DIN TIL	
CODE-406		DIN C/M/F	
SCALE		NTS	
WEIGHT (KG)		200 KG	
REF. TO ASSY. NO.			
ITEM NO		12/06/2016	
REV.		01	

NOA:-CC-CS/629-NR1/TR-2963/3/G3/NOA-1/5526 DATED 22.09.2015

POWER GRID CORPORATION OF INDIA LIMITED

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT

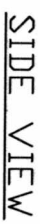
160/128/96 MVA, 220/66/11kV, DPAF/DNAF/DNAN COOLED

M/S: POWER GRID CORPORATION OF INDIA GURGAON

PROJECT, 220kV KAPANKALAN AIS SUB STATION

BHARAT HEAVY ELECTRICALS LTD.		JHANSI	
NAME	STGN	DATE	
BDST		19/03/2016	NT OF
BDST		19/03/2016	VAR
DPRI		02/06/2016	

SIGNATURE NOT REQUIRED AS IT IS SYSTEM GENERATED DRAWING SIZE A3



1. FOR GENERAL INSTRUCTIONS & NOTES TO SHOP REFER DRG. TR 100791 (SHT 1 TO 5).
2. THE CABINET SEALING SYSTEM SHALL BE SUITABLE FOR DEGREE OF PROTECTION IP55 TO IS13947 (PART-1)
3. DOOR RUBBER SEALING SHALL BE DONE WITH EPDM OR ANY BETTER APPROVED QUALITY RUBBER 10TK X 30 WIDE.
4. FOR IDENTIFICATION OF ITEMS REFER DIAGRAM OF COOLER CONTROL GEAR DRG. NO. 34596250169 (SHT.01 TO 13).
5. THE SHEET STEEL USED SHALL BE 2.00 mm THICK STAINLESS STEEL SS304 GRADE.
6. WEIGHT OF COOLER CONTROL CABINET (TANK MTD.) - 200 KG.
7. ALL DIMENSIONS SHOWN THUS ☐ ARE FOR OVERALL SHIPPING DIMENSIONS.

ADDITIONAL INFORMATION
71512A17100

		BHARAT HEAVY ELECTRICALS LTD. JHANSI	
	NAME	SIGN	DATE
100	BDS1		19/12/2016
050	BDS1		19/12/2016
050	DPRI		03/05/2016

[illegible]

INVENTORY NO.	SIGN AND DATE	REF. DRG. NO.
---------------	---------------	---------------

REV	DATE	ALTERED
ZONE		CHECKED
		APPROVED

REV	DATE	ALTERED
ZONE		CHECKED
		APPROVED

REV	DATE	ALTERED
ZONE		CHECKED
		APPROVED

TITLE	DEPT. TOL.	UN. TOL.
GENERAL ARRANGEMENT OF	DIAM. C/M/F	N.A.
MARSHALLING BOX-1	SCALE	NTS
	WEIGHT (KG)	350 KG (APPROX)

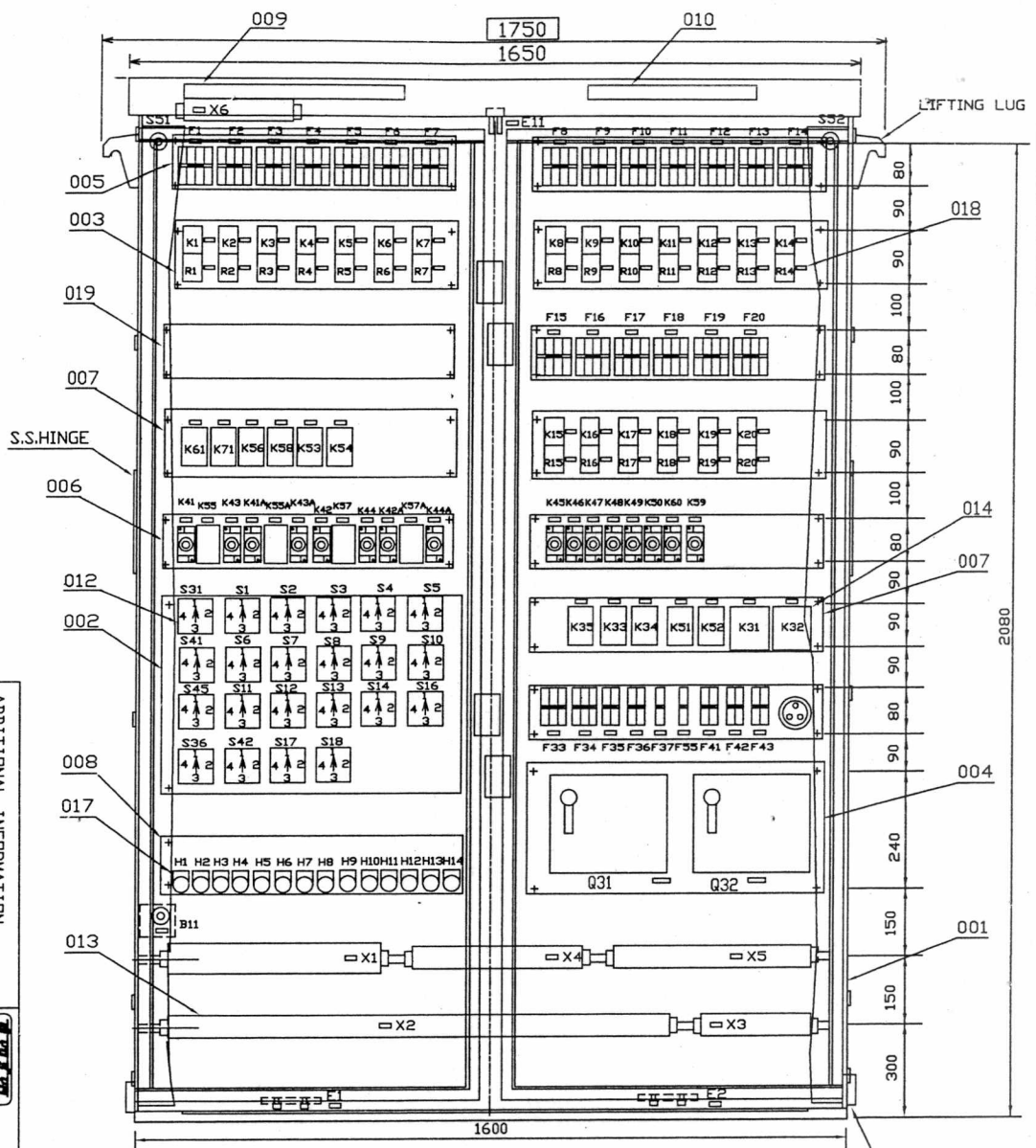
DRAWING NO.	SHT NO.	NO. OF SHT.
34596250168	03	04
REV.		
01		

ADDITIONAL INFORMATION
71512A17100

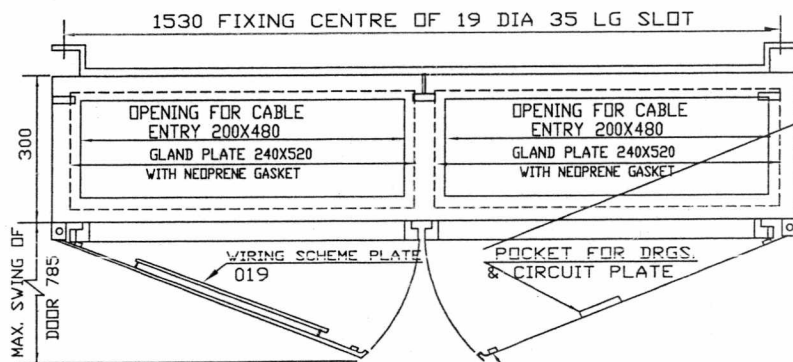
BHARAT HEAVY ELECTRICALS LTD.
JHANSI

NAME	SIGN	DATE
BD51		19/03/2016
BD51		19/03/2016
DPK1		02/06/2016
ITEM NO.	ITEM	REV.
N.A.	N.A.	N.A.

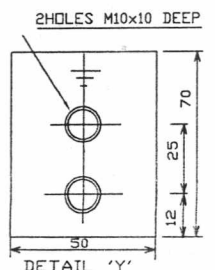
MARSHALLING BOX NO. 01



FRONT VIEW



PLAN



DETAIL 'Y'

DRG.No. 34596250168



REF.	INSCRIPTION	1	0	2	QTY
S36	HEATER CONTROL (S36)	AUTO	OFF	MANUAL	1

LAMP LABEL ENGRAVING DETAIL		
REF.	A1	A2
H10	BAK-2 PUMP-3	FALL
H11	BAK-2 PUMP-4	FALL
H12	SUPPLY CHANGE	OVER
H13	FAN COMMON THERM.	OVERLOAD TRIP
H14	PUMP COMMON THERM.	OVERLOAD TRIP

ADDITIONAL INFORMATION:
71512A17100

1. FOR GENERAL INSTRUCTIONS & NOTES TO SHOP REFER DRG. TR 100791 (SH1 TO 5).
2. THE CABINET SEALING SYSTEM SHALL BE SUITABLE FOR DEGREE OF PROTECTION IP55 TO IS113947 (PART-1)
3. DOOR RUBBER SEALING SHALL BE DONE WITH EPDM OR ANY BETTER APPROVED QUALITY RUBBER 10TK X 30 WIDE.
4. FOR IDENTIFICATION OF ITEMS REFER DIAGRAM OF COOLER CONTROL GEAR DRG. NO. 34596250169 (SHT.01 TO 13).
5. THE SHEET STEEL USED SHALL BE 2.0 mm THICK STAINLESS STEEL SS304 GRADE.
6. WEIGHT OF COOLER CONTROL CABINET (TANK MTD.) - 350 KG.
7. ALL DIMENSIONS SHOWN THUS ☐ ARE FOR OVERALL SHIPPING DIMENSIONS.

01	01/07/2016	DRG REVISED AS PER REVISED COOLER DRG & PGCL COMMENTS.
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[illegible]

SHEET NO.	DESCRIPTION	REVISION NO.
2	AUX. SUPPLY, HEATING & LIGHTING CIRCUIT	01
3	MOTOR CIRCUIT	01
4	MOTOR CIRCUIT	01
5	CONTROL CIRCUIT	01
6	CONTROL CIRCUIT	01
7	CONTROL CIRCUIT	01
8	INDICATION CIRCUIT	01
9	TEMP. RTD CIRCUIT	01
10	PROTECTION & CT CIRCUIT	01
11	TERMINAL BLOCKS	01
12	TERMINAL BLOCKS	01
13	LIST OF PARTS	01

LIST OF REFERENCE DRGS.		
SL. NO.	TITLE	DRG. NO.
1	G.A. OF MARSHALLING BOX	34596250168
2	SCHEMATIC DIAGRAM OF DLTC	34596250170

NOTES:

1. WHERE POSSIBLE ALL GEAR SHOWN IN OPEN OR DE-ENERGISED POSITION.
2. THE COLOUR OF THE CABLE TO BE USED FOR EACH CONNECTION IS INDICATED BY ANY OF THE LETTERS MARKED AS FOLLOWS R-RED,Y-YELLOW,B-BLUE,N-BLACK (FOR NEUTRAL & AC CONTROL CKT),G-GREY (FOR DC CKT),E-GREEN.
3. CONNECTION WITH GREY AND GREEN WIRES SHOULD BE KEPT PHYSICALLY SEPARATED FROM THE REMAINING WIRING.
4. CABLES TO BE USED FOR WIRING R,Y,B MARKED THUS \$ INDS. 16SQMM, MARKED THUS *1 NO. 4SQMM AND REMAINING R,Y,B,N,G & E ARE 2.5SQMM 2.5 SQMM SIZE PVC INSULATED 1100 VOLTS GRADE STRANDED COPPER CABLE.
5. LEADS MARKED FOR TRIP CIRCUITS ARE TO BE PREFIXED WITH P.V.C. SLEEVING MARKED TRIP IN RED.
6. OVERLOAD RELAY SETTING FOR FAN 1.0 AMPS.
7. OVERLOAD RELAY SETTING FOR PUMP 3.5 AMPS.
8. WIRE MARKING SHALL BE DONE WITH ENGRAVED INTERLOCKING TYPE FERRULES AS PER CLAUSE 4-12 OF IS:5578 DEPENDENT LOCAL END MARKING.
9. MAKE OF EQUIPMENTS AS PER NTPC APPROVED VENDORS.
10. ALL T.B. SHALL BE STUDTYPE WITH RING TYPE LUGS FOR CABLE.
11. ALL CT CABLES SHALL BE 4 SQMM.
12. CT NOT IN USED SHALL BE KEPT SHORTED.

SIGN AND DATE		REF. DRG. NO.			
INVENTORY NO.					
REV	DATE	ALTERED	REV	DATE	ALTERED
		CHECKED			CHECKED
		APPROVED			APPROVED
ZONE			ZONE		
ADDITIONAL INFORMATION					
71512A17100					
STATUS OF DRAWING 'U'					
DISTRIBUTION OF PRINTS					
REV	DATE	ALTERED	REV	DATE	ALTERED
01	01/07/2016	CHECKED			
		APPROVED			
ZONE			ZONE		
DRG REVISED AS PER PGCL COMMENTS.					
TITLE					
DIAGRAM OF COOLER CONTROL GEAR					
DRAWING NO. 34596250169					
REV. 01					
SHT NO 01					
NO OF SHT 13					
SIZE A3					

NOA:-CC-CS/629-NR1/TR-2963/3/63/NOA-1/5526 DATED 22.09.2015	
POWER GRID CORPORATION OF INDIA LIMITED	
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT	
160/128/96 MVA, 220/66/11kV, OF AF/DNAF/DNAN COOLED POWER TRANSFORMER	
M/S: POWER GRID CORPORATION OF INDIA GURGAON	
PROJECT 220KV KAPANKALAN AIS SUB STATION	
BHARAT HEAVY ELECTRICALS LTD. JHANSI	
UN. TOL. DIM. C/M/F	
CODE-406	
SCALE	
WEIGHT (KGS) REF. TO ASSY. NO.	
ITEM NO	
ITEM NO	
DATE	
19/03/2016	
19/03/2016	
02/06/2016	
NO. OF	
VAR	

NOTE:-★ IF FIRE PROTECTION IS REQUIRED, REMOVE SHORTING TO TB X3-1, 2, 3 & 4.



SIGNATURE NOT REQUIRED AS IT IS SYSTEM GENERATED DRAWING **SIZE A3**

FROM CIRCUIT NO.20:

M.BOX-1



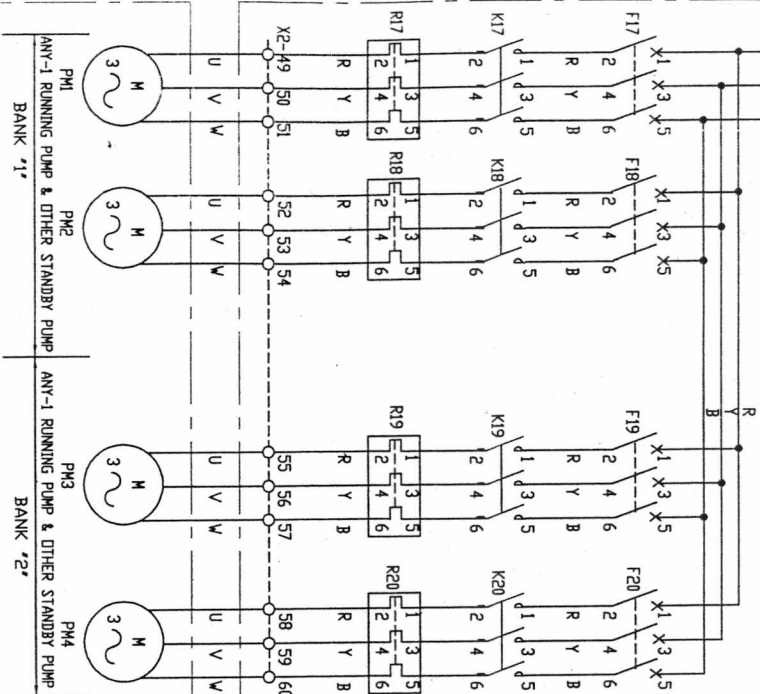
BANK 2

TRANSFORMER

SIGNATURE NOT REQUIRED AS IT IS SYSTEM GENERATED DRAWING **SIZE A**

FROM CIRCUIT NO.201

M.BOX-1



TRANSFORMER

SIGN AND DATE

REF. DRG. NO.

INVENTORY NO.

ADDITIONAL INFORMATION
71512A17100



BHARAT HEAVY ELECTRICALS LTD.
JHANSI

REV.	DATE	BY	CHKD	APPD
BDST	19/03/2016			
BDST	19/03/2016			
DPRI	03/06/2016			

REV. DATE ALTERED
01 01/02/2016

DEPT-TRE UN. TD.
CODE-406



WEIGHT (KGS) REF. TO ASSY. NO.

ITEM NO. REV.

DRG REVISED AS PER
PGCIL COMMENTS.

TITLE
DIAGRAM OF COOLER CONTROL GEAR
(MOTOR CIRCUIT)
M.BOX-01

DRAWING NO.
34596250169
SHEET NO 04 OF 13

SIGNATURE NOT REQUIRED AS IT IS SYSTEM GENERATED DRAWING SIZE A3

[illegible]

REV	DATE	ALTERED BOST
01	01/07/2016	CHECKED BOST
		APPROVED
ZONE	DRG REVISED AS PER PGCL COMMENTS.	

IDENTRE DIN	UN. TOL. C/M/F	SCALE	WEIGHT
CODE-406			

TITLE
DIAGRAM OF COOLER CONTROL GEAR
(CONTROL CIRCUIT)
MBOX-01

REF. TO ASSY. NO.	ITEM NO	NO. OF ITEM
DRAWING NO. 34596250169		REV. 01
SHT NO 05	NO OF SHT 13	

SIGNATURE NOT REQUIRED AS IT IS SYSTEM GENERATED DRAWING **SIZE A3**

602

604

605

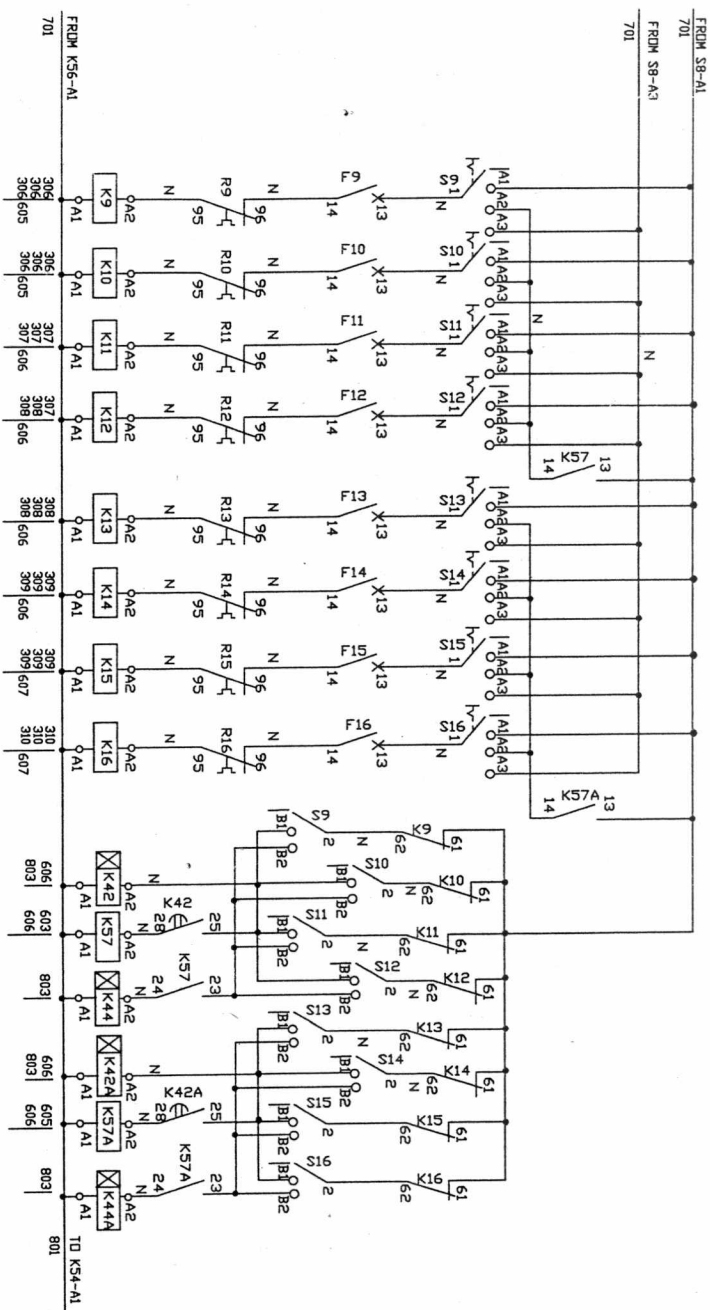
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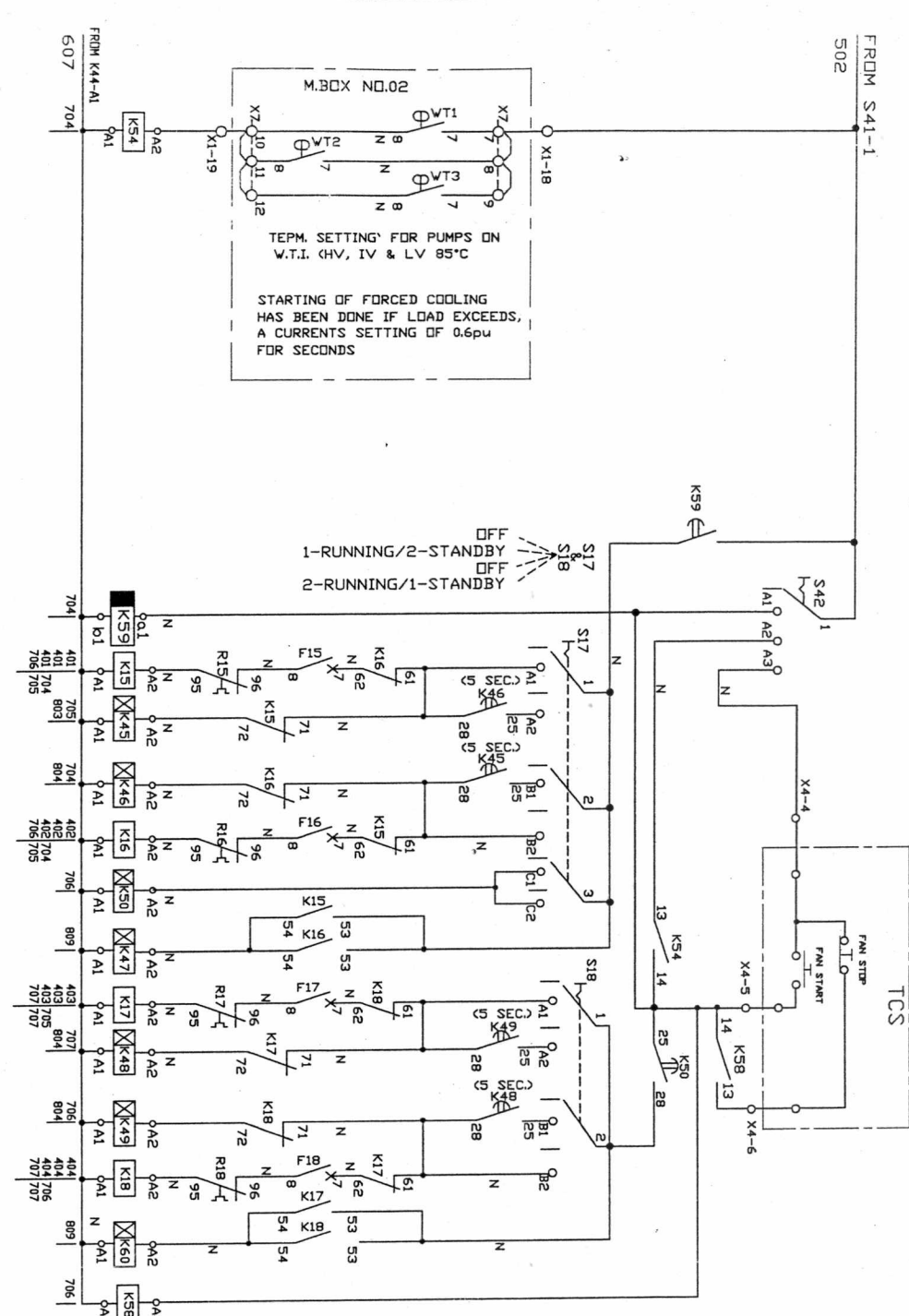
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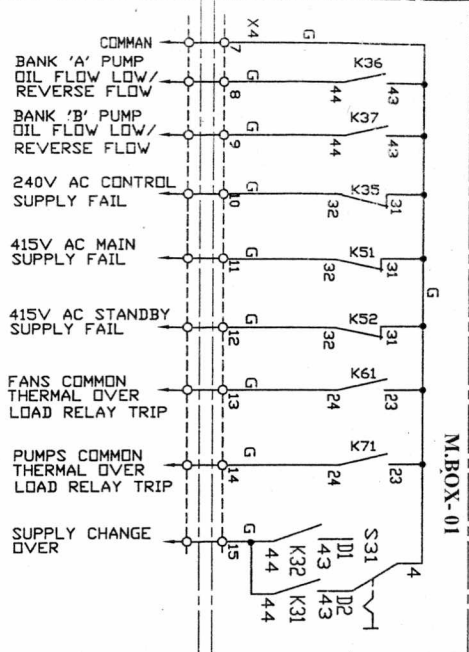
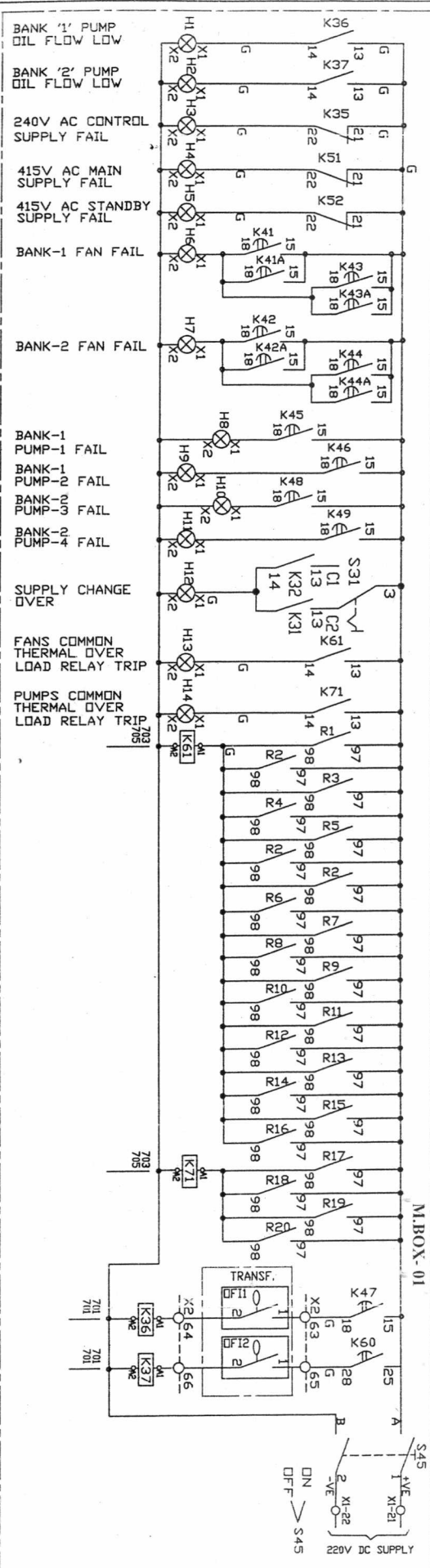
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SIGNATURE NOT REQUIRED AS IT IS SYSTEM GENERATED DRAWING **SIZE A3**

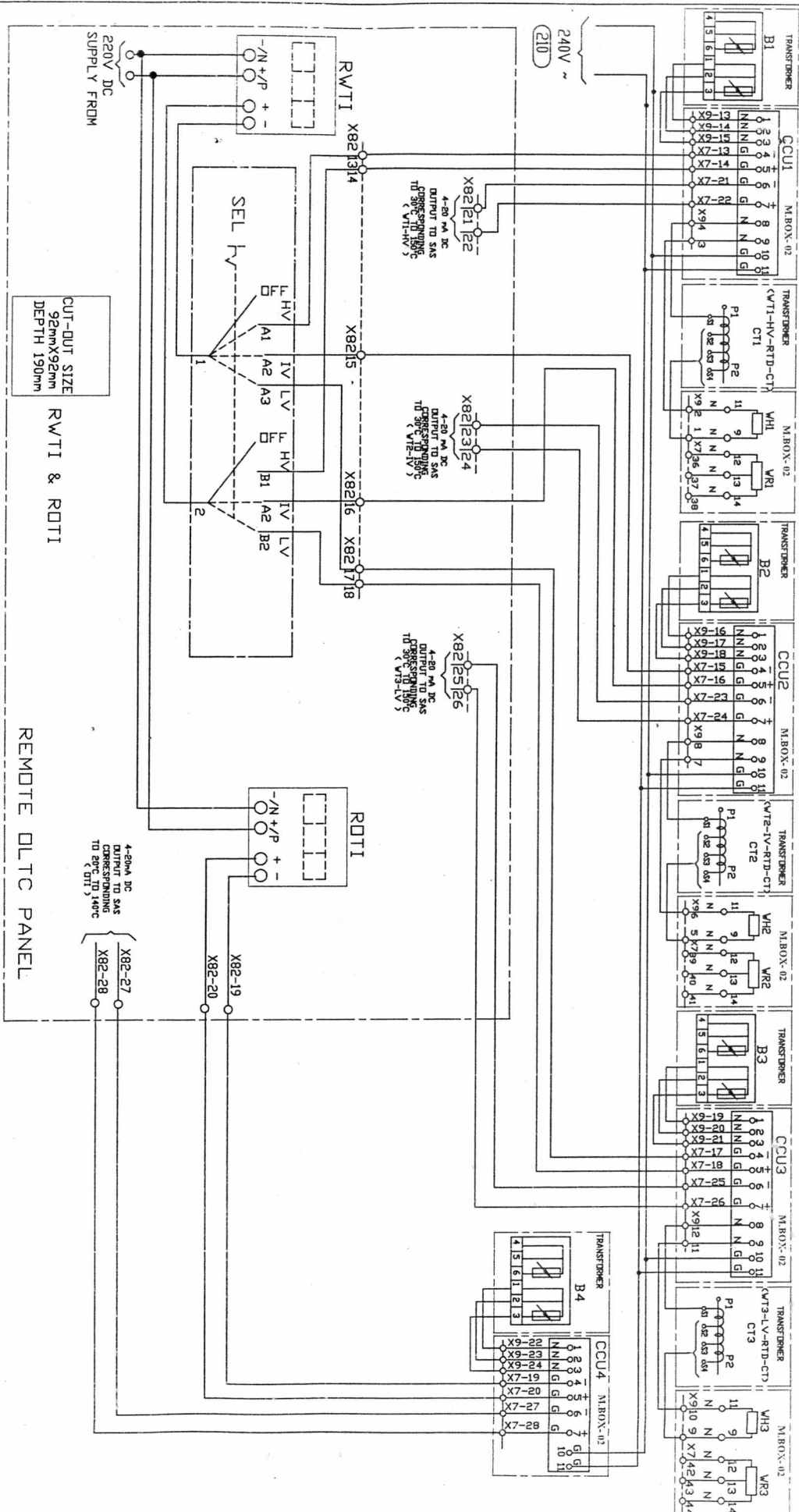


INVENTORY NO.		SIGN AND DATE		REF. DRG. NO.	
REV	DATE	ALTERED	CHECKED	APPROVED	ZONE
01	01/07/2016	BS1	BS1	BS1	01
ADDITIONAL INFORMATION 71512A17100 DRG REVISED AS PER PGCL COMMENTS.					
TITLE DIAGRAM OF COOLER CONTROL GEAR (CONTROL CIRCUIT) M.BOX-01		DEPT-TRE JN. TD. DIM. C/M/F	SCALE 	WEIGHT (KG) REF. TO ASSY. NO.	DRAWING NO. 34596250169 SH1 NO 07
NAME BHARAT HEAVY ELECTRICALS LTD. JHANSI		DATE 19/03/2016 19/03/2016 02/06/2016	SIGN NO. OF SH1 13	DATE 19/03/2016 19/03/2016 02/06/2016	REV. NO. OF ITEM



TD DIGITAL RTCC RELAY (TMS)

INVENTORY NO.									
REV	DATE	ALTERED CHECKED			REV	DATE	ALTERED CHECKED		
		APPROVED					APPROVED		
ZONE				ZONE	ZONE				ZONE
					REV	DATE	ALTERED CHECKED	BOST	
					01	01/07/2006	APPROVED		
DRG REVISED AS PER PGCL COMMENTS.									
DEPT-TRE		IN TTD		SCALE		WEIGHT (KG)		REF. TO ASSY. NO.	
CODE-406		D/M C/M/F						ITEM NO	
TITLE DIAGRAM OF COOLER CONTROL GEAR (INDICATIONS CIRCUIT) M.BOX-01									
DRAWING NO.					REV.				
34596250169					01				
SHT NO 08		NO OF SHT 13							



SIGN AND DATE		INVENTORY NO.	
		REV	DATE
		ALTERED	CHECKED
		APPROVED	
		ZONE	
		REV	DATE
		ALTERED	CHECKED
		APPROVED	
		ZONE	
ADDITIONAL INFORMATION 71512A17100		REV	DATE
		ALTERED	CHECKED
		APPROVED	BDS1
		ZONE	
 BHARAT HEAVY ELECTRICALS LTD. JHANSI		DRG REVISED AS PER PGCL COMMENTS.	
 TITLE DIAGRAM OF COOLER CONTROL GEAR (TEMP. & RTD CIRCUIT) M.BOX-02		DEPT-THE	IN. TO.
		CODE-406	DIN. C/M/F
		SCALE	WEIGHT (KG)
		REF. TO ASSY. NO.	ITEM NO
DRAWING NO. 345966250169		NAME	SIGN
SHF NO 09		BDS1	DATE
NO OF SHF 13		BDS1	19/03/2016
		BDS1	19/03/2016
		DPER1	02/06/2016
		REV.	NO. OF
		ITEM	ITEM
		01	

69105296543C No. NDRD

1001 1002

1003

1004

1005

1006

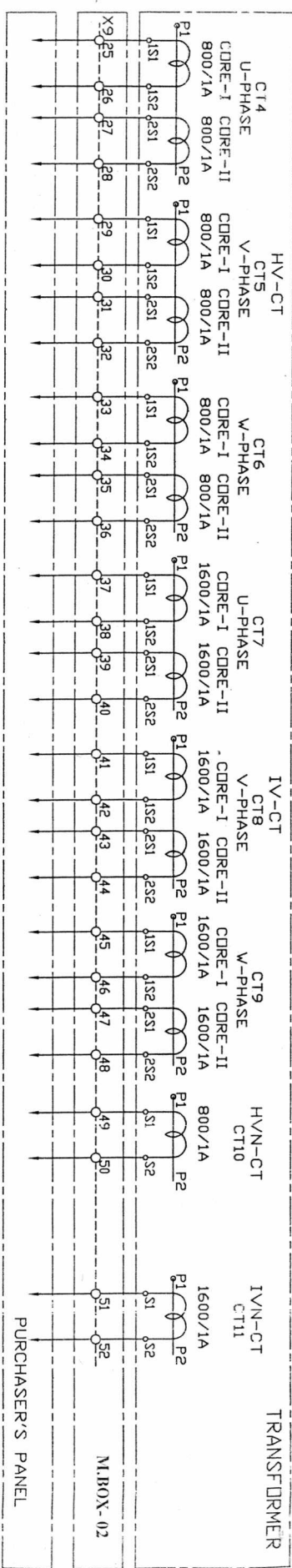
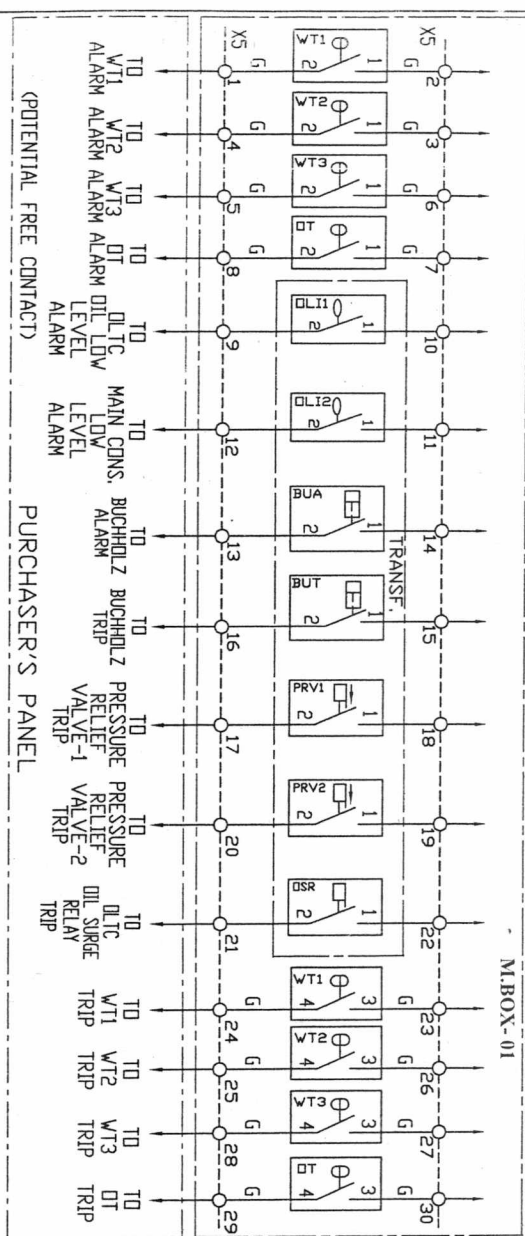
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1008

1009

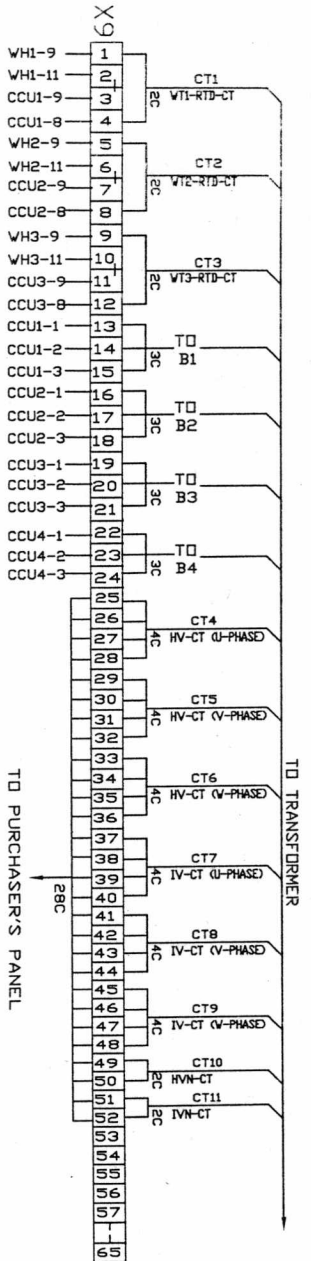
1010

MBOX-01



INVENTORY NO.		SIGN AND DATE		REF. DRG. NO.	
REV	DATE	ALTERED	CHECKED	APPROVED	ZONE
01	01/07/2016	CHECKED	BDSI	APPROVED	ZONE
ADDITIONAL INFORMATION 71512A17100					
BHARAT HEAVY ELECTRICALS LTD. JHANSI					
DEPT-TRE DIN, TD C/M/F					
SCALE					
WEIGHT (KG) REF. TO ASSY. NO.					
DRAWING NO. 34596250169					
REV. 01					
SHEET NO. 10 OF 13					

DATA MANAGEMENT

[illegible]

SIGNATURE NOT REQUIRED AS IT IS SYSTEM GENERATED DRAWING **SIZE A3**

6910526250169

DRG NO. 34596250169

LOCATION	ITEM NO.	QTY	DEVICE	DESCRIPTION	TYPE	MAKE
M.BOX-01	01	002	Q31 & Q32	FUSE SWITCH UNIT 125A TRN UNIT, SHEET SHEET HOUSING WITH HRC FUSE-LINK 125A	3K1821-3H40	SCHEIDER/L&T/
M.BOX-01	02	002	K31 & K32	AIR BREAK CONTACTOR 415V, COIL 240V, 70A	31F47-72 DAUD	SCHEIDER/L&T/
M.BOX-01	03	002	K33 & K34	SINGLE PHASING & UNBALANCING	ALV22	MINULEC
M.BOX-01	04	002	K31 & K32	PREVENTOR 415V AC WITH 1 C/D CONTACT	CA2-2M229U	C&S/STIEMENS
M.BOX-01	05	004	F36	CONTRACTORS, 240V AC, 200+200V WITH ADD ON THERM BLOC DELAY TYPE 1-30 SEC.	AG0-1A3-3022	LEGAND/STIEMENS
M.BOX-01	06	001	K35	HEATER CXT. BREAKER, 2P, 16A, 240V AC	603268	LEGAND/STIEMENS
M.BOX-01	07	001	F35	AUX. CONTACTOR, 240V AC, 300+100	31H30-22 DAUD	LEGAND/STIEMENS
M.BOX-01	08	001	F36	CONTROL CXT. BREAKER, 2P, 6A, 240V AC	603265	LEGAND/STIEMENS
M.BOX-01	09	001	B11	ROTARY SWITCH 2WAY WITH DFF, 6A, 440V AC	SG-61025-B13	GIRISH/VIKAS
M.BOX-01	10	002	E1 & E2	THERMOSTAT SWITCH 30-85° C	STEM	ASHDKA/EEV, EOV.
M.BOX-01	11	002	S51 & S52	DOOR SWITCH 0.25A, 240V AC	901	IEC/P/STIEMENS
M.BOX-01	12	001	E11	FLUORESCENT TUBE, 20W, 240V, AC WITH COVER	BAJAJ/PHILIPS	BAJAJ/PHILIPS
M.BOX-01	13	001	X55	INDUSTRIAL PLUG AND SOCKET, 3P+N+D, 240V AC, 2P+4	AP10-4A50	CGI/ANCHOR/BAC
M.BOX-01	14	001	S31	SUPPLY SELECTOR, 2WAY-NO-OFF, 10A, 440V	S10-61040-B13	SALZER/KAYCEE
M.BOX-01	15	020	K1 TO K20	FAN AND PUMP CONTACTORS, 12A, 240V AC COIL 3MAN WITH 200+200V AUX CONTACTS	31F31-20 DAUD	SCHEIDER/L&T/
M.BOX-01	16	016	R1 TO R16	FAN MOTOR THERMAL D/L RELAY (10-16A) THERM BLOC DELAY TYPE 0.1-30 SEC.	31A50 00-1A	SIEMENS/ BCH
M.BOX-01	17	004	R17 TO R20	PUMP MOTOR THERMAL D/L RELAY (10-16A) THERM BLOC DELAY TYPE 0.1-30 SEC.	31A50 00-1J	SIEMENS/ BCH
M.BOX-01	18	016	F1 TO F16	FAN CIRCUIT BREAKER, 6A, 415V AC, 4P(CHAIN+10)	603316	LEGAND/STIEMENS
M.BOX-01	19	004	F17 TO F20	PUMP CIRCUIT BREAKER, 16A, 415V AC, 4P(CHAIN+10)	603319	LEGAND/STIEMENS
M.BOX-01	20	002	S41 & S42	DOOR SWITCH SELECTOR, 10A, 440V	S10-61100-B13	KAYCEE/SALZER
M.BOX-01	21	016	S1 TO S16	FAN CONTROL SWITCH 3WAY WITH DFF 6A, 440V	SG-61100-B13	KAYCEE/SALZER
M.BOX-01	22	002	S17 & S18	PUMP CONTROL SWITCH 2WAY WITH DFF 6A, 440V	SG-61153-B13	KAYCEE/SALZER
M.BOX-01	23	011	K41 TO K50	TIME DELAY RELAY 240V AC 0.15-10h	2A5015	IEC/ANCHOR/BAC
M.BOX-01	24	004	K41 TO K50	2-CHARGE OVER CONTACTS	2A5015	IEC/ANCHOR/BAC
M.BOX-01	25	001	K51 TO K58	OFF DELAY THERM 240V AC 0.15-600SEC	2300110	SCHEIDER/L&T/
M.BOX-01	26	008	K59, K60, K61, K62	AUX. CONTACTOR, 240V AC 400	31H30-40 DAUD	LEGAND/STIEMENS
M.BOX-01	27	001	F33	CIRCUIT BREAKER, 10A, 1P, 240V AC	603223	LEGAND/STIEMENS
M.BOX-01	28	002	F33 & F34	CIRCUIT BREAKER, 2A, 3P, 415V AC	603227	LEGAND/STIEMENS
M.BOX-01	29	001	F37	CIRCUIT BREAKER, 2A, 1P, 240V AC	603227	LEGAND/STIEMENS
M.BOX-01	30	003	F10 TO F43	DGA, DRYING & NITPS CXT. BREAKER, 2P, 16A, 240V AC	603268	LEGAND/STIEMENS
M.BOX-01	31	004	K36, K37, K38	AUX. CONTACTOR, 220V DC 300+100	31H30-31 DBM4	LEGAND/STIEMENS
M.BOX-01	32	001	S45	INDICATING SUPPLY ISOLATOR, 3P, 10A, 220V DC	RP134	SCHEIDER/L&T/
M.BOX-01	33	014	H1 TO H14	SIGNAL LAMP WHITE LED COOLER ON, RED FOR CONTROL SUPPLY FAIL & THERMAL D/L TOP INDICATION 220V DC	3531405-2V23	ELNEZ/CELCEL
M.BOX-01	34	005	X1 TO X5	TERMINAL BLOCKS (1 TO 6)	CST-25	LEGAND/STIEMENS
M.BOX-01	35	001	X6	TERMINAL BLOCKS (1 TO 6)	CST-110	LEGAND/STIEMENS
M.BOX-01	36	001	X6	PHASE BAR TERMINAL BLOCK (1 TO 6)	CST-110	LEGAND/STIEMENS
M.BOX-01	37					
M.BOX-01	38					

FOR MAKE & TYPE OF ITEMS MOUNTED ON TRANSFORMER PLEASE REFER TRANSFORMER DGA DRG.

ADDITIONAL INFORMATION
71512A17100

M.BOX-02	39	003	CCU1 TO CCU3	CURRENT CONVERTER UNIT FOR RTD TYPE V11 TO V13	ST627913 (2)	PC/ PH
M.BOX-02	40	001	CCU4	CURRENT CONVERTER UNIT FOR RTD TYPE D11	ST627914 (2)	PC/ PH
M.BOX-02	41	001	DT	DIL TEMP. INDICATOR 20° TO 140°		PC/ PH
M.BOX-02	42		DT (1-2) & DT (3-4)	ALARM & TRIP CONTACTS ON DT		PC/ PH
M.BOX-02	43	003	V11 TO V13	WINDING TEMP. INDICATORS 30°C TO 150°C		PC/ PH
M.BOX-02	44		V11 (1-2) TO V13 (1-2)	ALARM CONTACTS ON V11 TO V13 RESP.		PC/ PH
M.BOX-02	45		V11 (3-4) TO V13 (3-4)	TRIP CONTACTS ON V11 TO V13 RESP.		PC/ PH
M.BOX-02	46		V11 (5-6) TO V13 (5-6)	FANS CONTROL CONTACT ON V11 TO V13 RESP.		PC/ PH
M.BOX-02	47		V11 (7-8) TO V13 (7-8)	HEATING ELEMENT INSIDE V11 TO V13 RESP.		PC/ PH
M.BOX-02	48		V13 (9-6) TO V13 (9-6)	PUMP CONTROL CONTACT ON V11 TO V13 RESP.		PC/ PH
M.BOX-02	49	002	F36 & F38	HEATER CXT. BREAKER, 2P, 16A, 240V AC	603268	LEGAND/STIEMENS
M.BOX-02	50	001	S36A	ROTARY SWITCH 2WAY WITH DFF, 6A, 440V AC	SG-61025-B13	LEGAND/STIEMENS
M.BOX-02	51	001	B11A	THERMOSTAT SWITCH 30-85° C	STEM	GIRISH/VIKAS
M.BOX-02	51	002	E3 & E4	HEATERS, 75/80W, 240V AC		ASHDKA/EEV, EOV.
M.BOX-02	51	002	S53 & S54	DOOR SWITCH 0.25A, 240V AC	901	IEC/P/STIEMENS
M.BOX-02	51	001	E12	FLUORESCENT TUBE, 20W, 240V, AC WITH COVER		BAJAJ/PHILIPS
M.BOX-02	52	001	X7	TERMINAL BLOC CAT-14/CSTIS-B4 WITH COVER		ELNEZ/CELCEL/
M.BOX-02	53	001	X9	TERMINAL BLOC CAT-14/CSTIS WITH COVER		ELNEZ/CELCEL/
M.BOX-02	54	001	X12	TERMINAL BLOC CAT-14/CSTIS WITH COVER		ELNEZ/CELCEL/
M.BOX-02	55					
M.BOX-02	56	016	F11 TO F116	FAN MOTORS 0.50W/3PH, 50HZ 415V AC, 10A 24°		
M.BOX-02	57	004	P11 TO P14	PUMP MOTORS 1KW/3PH, 50HZ 415V AC		
M.BOX-02	58	002	D11 & D12	ALARM CONTACT ON DIL LOW INDICATOR		
M.BOX-02	59	002	D11 & D12	ALARM CONTACT ON DIL FLOW INDICATOR		
M.BOX-02	60	002	B1A & B1B	ALARM & TRIP CONTACTS ON BUCHHOLZ RELAY RESP.		
M.BOX-02	61	002	P11 & P12	TRIP CONTACT ON PRESSURE RELIEF VALVE TRFR		
M.BOX-02	62	001	D58	TRIP CONTACT ON DIL SURGE RELAY		
M.BOX-02	63	003	C11 TO C13	V11 CURRENT TRANSFORMER		
M.BOX-02	64	003	C14 TO C16	IV CURRENT TRANSFORMER		
M.BOX-02	65	003	C17 TO C19	IV CURRENT TRANSFORMER		
M.BOX-02	66	002	C10 & C11	HVN & LVN CURRENT TRANSFORMER RESP.		
M.BOX-02	67	001	B4	RTD SENSOR WITH HEATER POCKET ASSY. FOR DT1	ST627912 (1)	PC/ PH
M.BOX-02	68	003	B1 TO B3	RTD SENSOR WITH HEATER POCKET ASSY. FOR V11 TO V13	ST627913 (1)	PC/ PH
M.BOX-02	69					
M.BOX-02	70					
M.BOX-02	71	001	SEL	TEMP. SELECTOR SWITCH 3WAY NO DFF, 3POLE, HV, LV & LV		
M.BOX-02	72	001	RO11	REMOTE DIGITAL, DIL TEMP. INDICATOR	ST628035	PC/ PH
M.BOX-02	73	001	RV11	REMOTE DIGITAL, WINDING TEMP. INDICATOR	ST628036	PC/ PH
M.BOX-02	74					
M.BOX-02	75					

INVENTORY NO.		SIGN AND DATE		REF. DRG. NO.	
REV	DATE	ALTERED	CHECKED	REV	DATE
		CHECKED	APPROVED		
ZONE				ZONE	
# FOR MAKE & TYPE OF ITEMS MOUNTED ON TRANSFORMER PLEASE REFER TRANSFORMER DGA DRG.					
ADDITIONAL INFORMATION 71512A17100					
REV	DATE	ALTERED	BSI	REV	DATE
01	01/07/2016	CHECKED	BSI	01	01/07/2016
PCIL COMMENTS.					
TITLE DIAGRAM OF COOLER CONTROL GEAR (LIST OF PARTS)					
DEPT-TRE		UN. TD.		SCALE	
CODE-106		C/M/F		WEIGHT (KG)	
				REF. TO ASSY. NO.	
				DRAWING NO.	
				34596250169	
				REV.	
				01	
				REV.	
				01	

SIGNATURE NOT REQUIRED AS THIS SYSTEM GENERATED DRAWING SIZE A3