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LET 300	00 00 0000 040 84X 002									
DR-ENG	00.00-0000-940-P4X-002 SP-M-I-1.3 - SAFETY EN 10.2Q-1200-942-P4X-002	GINEERING 2 - GENERAL ARI	RANGEMENT	JNIT DESIG	N					
I-ET-301 I-ET-301	0.2Q-5265-773-P4X-001 10.00-5140-700-P4X-007 10.00-5140-741-P4X-004	- SPECIFICATIO - SPECIFICATIO	N FOR GENERIC N FOR LOW-VOL	TAGE GENI	ERIC ELECTRIC	AL PANELS		ORE UNITS		
I-ET-301	10.00-5140-773-P4X-002 10.00-5140-773-P4X-003 10.00-5140-797-P4X-001	- SPECIFICATIO	N FOR AC UPS F	OR OFFSHO	ORE UNITS					
I-DE-30	0.00-5140-797-P4X-001 - 10.2Q-5265-946-P4X-002 10.2Q-5140-946-P4X-003	2 - HULL UPS AN	D DC SYSTEMS	ONE-LINE D	IAGRAM	LIST				
I-ET-301	10.2Q-5100-940-P4X-001 10.2Q-1200-94A-P4X-00	- TECHNICAL SI	PECIFICATION -	COMBINED		PLANT PAC	KAGE			
	GEN	IERAL N	OTES AN	ND RE	QUIREN	IENTS	;			
ONE	H AC UPS SHALL GUAR OF THE COMPONENTS	G (RECTIFIER, T	RANSFORMERS	, INVERTER	S, ETC.). THE C	OUTPUT VOL	TAGE SHAL	L BE		
OTH ALL	ER AC UPS, DC UPS, G AC UPS SHALL BE PRO 3010.00-5140-797-P4X-00	ENERIC DC UPS	OR A&C SYSTEI ARM AND MONIT	M. ORING AT A	&C, IN ACCORI	DANCE WITH				
ONL	Y EMERGENCY LOADS SIDE EMERGENCY DIS	DEFINED IN I-LI-	-3010.2Q-5265-77	73-P4X-001 -	EMERGENCY L		SHALL BE FE	ED BY		
SHA	UIRED CAPACITY FOR LL BE CONFIRMED DUF	RING DETAILED [	DESIGN.							
OPE	TERIES CIRCUIT-BREAH RATED. JPS TRIP FUNCTIONS S					,				
FOR TRIP	OFFSHORE UNITS, IN RECTIFIER.	CASE OF AC INP	UT POWER SUP	PLY FAILUR	E A SIGNAL SH	ALL BE PRC	VIDED IN OF	RDER TO		
MINI	UPS ELECTRONIC PRO MUM INVERTER OPER/ IPMENT UPS-5265001/	ATION RANGE, L	OWER THAN BA	TTERIES MI	NIMUM VOLTAG	SE.				
UPS FUS	-5265001B, BT-5265001 ES OR CIRCUIT-BREAK SIDE THE BATTERIES F	B AND PN-52651 ERS TO PROTEC	01B RESPECTIV	ELY.						
10 LOAI	SIDE THE BATTERIES F DS SUPPLIED BY AC UF SIGNALLING AND INSTI	PS SHALL BE BA	LANCED AMONG					ATION.		
REF	ER TO I-ET-3010.00-514 ACITY OF CIRCUIT-BRE	0-773-P4X-003 - 3	SPECIFICATION	FOR AC UP	S FOR OFFSHO	RE UNITS.	UAW/	1,		
AUT	JPS MINIMUM SIGNALS OMATION ARCHITECTI RFACE SIGNALS LIST /	JRE DIAGRAM,	I-LI-3010.00-5140	-797-P4X-00	1 - ELECTRICAL	SYSTEM A	UTOMATION			
-526	MORE INFORMATION A 5-946-P4X-002 - HULL U	PS AND DC SYS	TEMS ONE-LINE	DIAGRAM.						
STA	CUIT-BREAKERS TO BY TIC SWITCH IS MANUA PANELS WITH POSSIE	ALLY TURNED FF	ROM MAIN SUPP	LY TO RESP	PECTIVE ALTER	NATIVE SUF	PLY.			
CLO IT SH	SED, IT SHALL BE PRO HALL ALSO BE PROVIDI II" CONFIGURATION.	VIDED A LOGIC	TO DISABLE ONE	OF INSULA	TION MONITOF	RING DEVICE	ES IN THIS C	ONDITION.		
17 IT SH CON	HALL BE POSSIBLE TO	ARY PARALELIS	M AND LOAD TR	ANSFER, B	UT ONLY THRE	E OF THEM	CAN REMAIN	CLOSED.		
INST FUN	SELECTION OF THE C ALLED IN PN-5265101B CTION 25). IT SHALL BE	. THE SYNCHRO POSSIBLE TO C	NIZATION COND	DITION IS GU	IARANTEED BY RS D19 TO D22	SYNCHRON FROM PAN	IISM RELAY EL PN-52651	(ANSI 01B.		
FOR	PROCEDURE OF LOAD AC UPS FOR OFFSHOP	RE UNITS.						FICATION		
20 INTE	HANICAL INTERLOCKI RLOCKING ACCORDIN START LOAD TRANSFI	G WITH I-ET-301	0.00-5140-773-P4	X-003 - SPE	CIFICATION FC	R AC UPS F	OR OFFSHO			
I-ET-	MORE INFORMATION / 3010.00-5140-700-P4X-0	007 - SPECIFICA	TION FOR GENEI	RIC ELECTR	RICAL EQUIPME	NT FOR OFF				
22 IN EI - RE	MERGENCY DISTRIBUT DUNDANT EMERGENC	TON PANELS: Y LOADS INSTAL	LLED IN HAZARD	OUS AREA	ZONE 1 OUTGO	ING CIRCUI				
DEV	CLUDING DISTRIBUTION ICES (EFI). IN CASE OF CUIT-BREAKERS. HER EMERGENCY LOA	GROUND FAULT	F DETECTION, ÉF	FI SHALL AL	ARM AND INST	ANTANEOU	SLY TRIP TH	E		
ONL FOR ELEC	Y ALARM. MORE INFORMATION I CTRICAL PANELS FOR	REFER TO I-ET-3 OFFSHORE UNIT	010.00-5140-741 ГS	-P4X-004 - S	PECIFICATION	FOR LOW-V	OLTAGE GE	NERIC		
23 THEI LOAI SYS	RE SHALL NOT BE NON DS SHALL BE APPROVE TEMS, WHEN INSTALLE	-EMERGENCY LI ED BY PETROBR ED IN EXTERNAL	OADS FED FROM AS. IN CASE OF AREAS, THEY S	INCLUSION HALL BE TR	I OF THESE KI	ND OF LOAE SIGNALS OF	S IN THESE R LOADS SH	ALL BE		
PRO OTH GEN	PER FOR INSTALLATIO ERWISE SHALL BE CEF ERAL.	N IN ZONE 2 GR RTIFIED IN ACCO	OUP IIA TEMPER RDANCE WITH I	ATURE T3 \ -DE-3010.20	WHEN INSTALL 2-1200-P4A-P4X	ED IN NON-H -001 - AREA	AZARDOUS CLASSIFICA	AREAS, TION -		
CON	( INSULATION SHALL G TROLLERS. QUANTITY OF SPARE (									
SPE 26 AC	CIFICATION FOR AC UF EMERGENCY LOADS IN	S FOR OFFSHO	RE UNITS. TERNAL NON-HA	ZARDOUS	AREAS SHALL E	BE SUITABLE	E FOR INSTA			
CLA	NE 2 GROUP IIA TEMPE ASSIFICATION - GENER STALLATION IN ZONE 1	AL. EMERGENC	Y LIGHTING FIXT							
			LEG	END						
A&C	A = ELECTRICAL SYS	D CONTROL SY								
	= HUMAN MACHINE									
_			BOUNDARY		WEEN TOPSI	DE AND HU	JLL			
_			COMPARTM							
						TION				
	IR		HARDWIREI		NUCATION					
		M			D CASE CIRC	UIT-BREA	KER			
	L1	$\smile$	I URIZEL			Ξ.Τ.ΟΙΧΕΑΙ				
			TRIP SIGNA	L						
	ORIGINAL ISSUE.	DECOR			Apr/19/24	U4QR	UR6X			
	ORMATION CONTAINED		IENT IS PETROB	RAS PROPE	DATE RTY AND MAY N	EXEC.	CHECK	APPRO\ DSES		
HIS FO	THAN THOSE SPECIFIC. RM IS PART OF STAND, Electrical 2019 / I-I	ARD PETROBRAS	S N-381 REV.J AN		URE A.9.					
BR PETROBRAS SRGE										
CLIENT:		Ν	IARLIM	LEST	E E SUL	-				
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AREA:		N	IARLIM L	.ESTE	E SUL					
TITLE:	TOPSI	DE UPS A	ND DC S	YSTEM	1S ONE-I	INE DI	AGRAM	1		
DESIGN		FXFO	U4QR	CHECK.	UR6X		01/	QBE		
CALE	NOT TO SCALE	DRAV			JINOA	SHEE	- T	QBE		
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