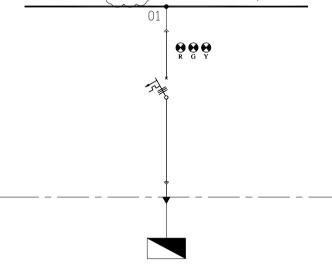




SIAHMAKAN PLANT 66/3.3 KV SUBSTATION LV SWITCHGEAR NF+NF00, NF01~NF04

0.4kV, 50Hz, (3000A,) 3PH+N+PE, 50kA/1SEC.



CATEGORY	F1					
CODE	NF+NF04 (L11 EXISTING)					
POWER (kW)	15KW					
C.B TYPE/RATING	63A					
FUSE TYPE/RATING	N/A					
CONTACTOR RATING (A)	N/A N/A					
OVER LOAD SETTING RANGE						
CABLE SIZE	-					
DESCRIPTION OF FEEDER	RECTIFIRE TRANSFORMER CATHODIC PROTECTION					





- RECTIFIER TRANSFORMER FOR CATHODIC PROTECTION
AT THE END OF PIPELINE SHALL BE FED FROM EXISTING
LV SWITCHGEAR IN SAHMAKAN PLANT 66/3.3 KVSUBSTATION.
THE CATHODIC PROTECTION SHALL BE FED FROM EXISTING
FEEDER 63A L11 ON LV ROOM.

PEEDER 63A LTT ON LV ROOM.

2- ACCORDING TO EXISTING SINGLE LINE DIAGRAM, FEEDER L11

IS 3 POLE WHILE FOR RECTIFIER TRANSFORMER IT SHALL BE

4 POLE.

LEGEND

Z CABLE GLAND

 \otimes

SIGNAL LAMP



DRAWOUT UNIT



MOULDED CASE CIRCUIT BREAKER, MANUALLY OPERATED WITH THERMAL MAGNETIC OVER CURRENT RELAY





\sim	REFERENC	DRG. No.				
SINGLE LINE	DIAGRAM POR	LV SWITCHGRAN	, NP. NP00 ~NP04			

KBY PLAN

								*********		***,****	**,**	***	
D01	OCT.2022	IFA	H.SHAKIBA	M.PAKHARIAN	M.MEHRSHAD		REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	MAY.2022	IFC	H.SHAKIBA	M.PAKHARIAN	M.MEHRSHAD	**,**	MET.		CHECKED REV. APPI			APPR.	
RRV.	DATE	P.O.LS	PREP.	CHK.	APP.	AUT.	اصل و کلمه نبخ اید نقشه و حقر افتیاس متعلق به شرکت ملی مناطق نفت خیز جندس مساشد.						

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES
GAS COMPRESSOR STATION

PROJECT NO.:

EPC CONTRACTOR:

HIRGAN



EPD/EPC CONTRACTOR (GC):

PETROIRAN
DEVELOPMENT
COMPANY

THE ORIGINAL AND ALL COPIES OF THIS BRANDO TOGETHES WITH THE COPPRIGHT THESENS ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT SURFACE PACILITIES

SURFACE FACILITIES
GAS COMPRESSOR STATION

E SCALE DRAWING BY CHECKED BY PROJECT ENG.

DRAWING TITLE: SINGLE LINE DIAGRAM FOR EXPANSION OF UPSTREAM LV SWITCHGEAR IN SIAHMAKAN GAS INJECTION				NO CO	NSTRUCTIO	N PE	RMITTEI	UNLESS DRAWIN	G APPROV	VED		
				APPROVED	FOR CONS	STRUC	MOI	BY:	DATE:			
	SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISIO
	N.T.S	A3	BK-PPL-PEDCO-320-EL-SL-0001	02 OF 02	D01	053-073-9184	P	2	P	708635	02 OF 02	D01