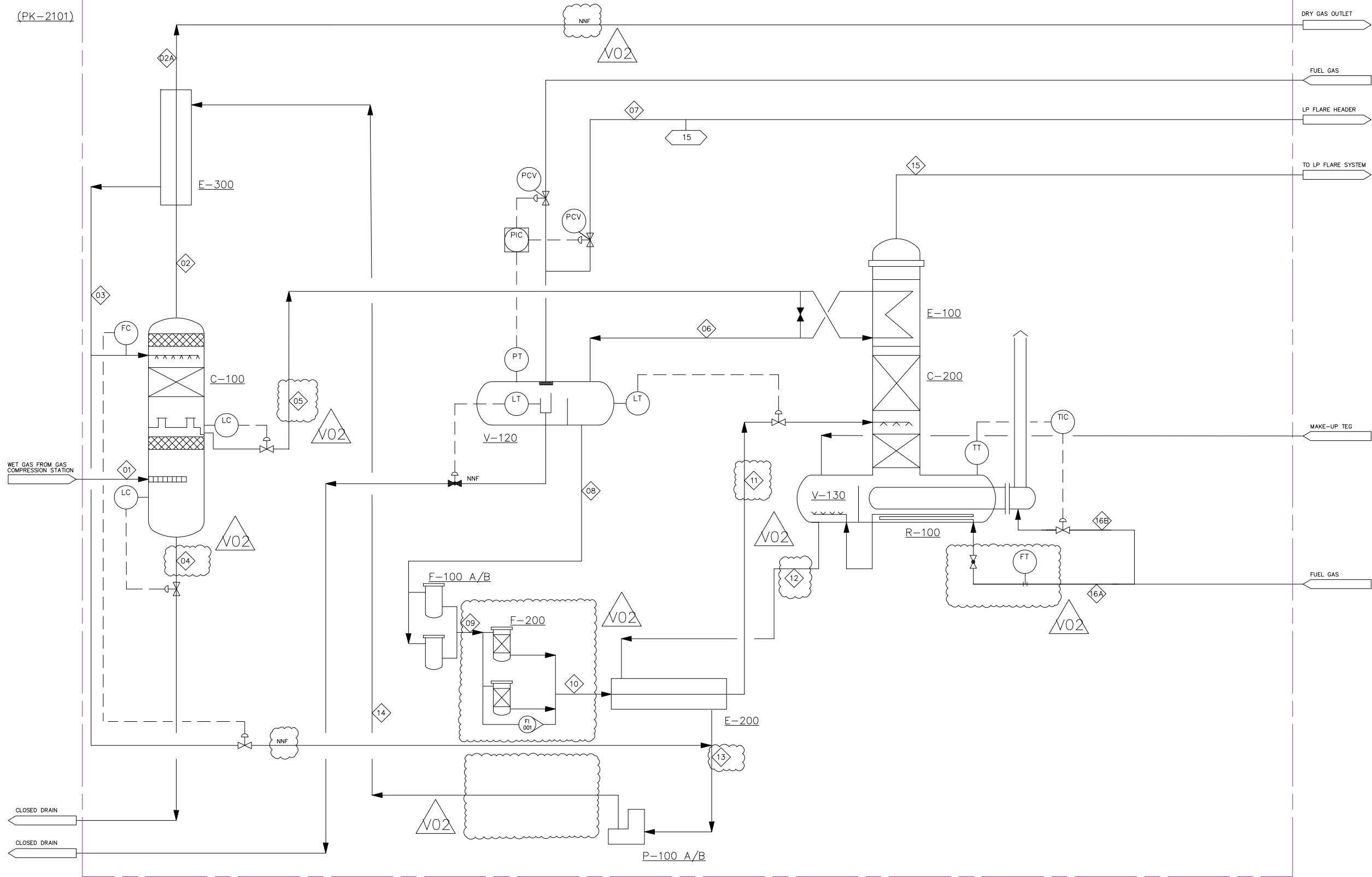


(PK-2101)



C-100
GLYCOL GAS CONTACTOR
IDxTT : 650X10300 mm
OPERATING TEMP. : 62.8-63.8 °C
OPERATING PRESS. : 53.9 BARG

F-100
PARTICLE GLYCOL FILTER
OPERATING TEMP. : 74 °C
OPERATING PRESS. : 4.5 BARG

V-120
GLYCOL FLASH DRUM
OPERATING TEMP. : 74 °C
OPERATING PRESS. : 4.5 BARG

E-200 (Note 4)
LEAN/RICH GLYCOL EXCHANGER
DUTY: 45 x 1.1 kw
INLET-OUTLET SHELL/TUBE TEMP.(SHELL) :
(186.6-113.9)/(73.6-140) °C
INLET-OUTLET SHELL/TUBE PRESS.:
(0.3-0.2)/(3.3-3.1) BARG

R-100
GLYCOL REGENERATOR REBOILER
DUTY: 78 x 1.1 kw
INLET/OUTLET OPERATING TEMP.(SHELL) :
140-204 °C
OPERATING PRESS. (SHELL) : 0.3 BARG

V-130
GLYCOL SURGE DRUM
OPERATING TEMP. : 186.5 °C
OPERATING PRESS. : 0.3 BARG

E-100 (Note 4)
REFLUX CONDENSER
DUTY: 7.2 x 1.1 kw
INLET-OUTLET SHELL/TUBE TEMP.(SHELL) :
(89-86)/(62.3-73.6) °C
INLET-OUTLET SHELL/TUBE PRESS.:
(0.25-0.2)/(4.8-4.5) BARG

P-100 A/B
LEAN GLYCOL CIRCULATION PUMP
CAPACITY (MAXIMUM/RATED) : 0.84/0.96 M3/HR
DIFFERENTIAL PRESSURE : 53.8 BAR

F-200
CARBON GLYCOL FILTER
OPERATING TEMP. : 74 °C
OPERATING PRESS. : 3.8 BARG

E-300 (Note 4)
DEHYDRATED GAS/LEAN GLYCOL HEAT EXCHANGER
DUTY: 29 x 1.1 kw
INLET-OUTLET SHELL/TUBE TEMP.(SHELL) :
(120-68)/(63.6-66.7) °C
INLET-OUTLET SHELL/TUBE PRESS.:
(55.1-54.9)/(53.9-53.6) BARG

- NOTES
1. REFER TO HEAT AND MATERIAL BALANCE - TEG DEHYDRATION UNIT AND TEG REGENERATION FOR STEAM DETAILS.
 2. FACILITIES SHOWN VENDOR PACKAGE. VENDOR'S SCOPE SHALL BE DESIGNED AND SUPPLIED AS SINGLE SKID ITEM.
 3. DESIGN CASE: SUMMER
 4. THE PROVIDED INLET/OUTLET CONDITIONS ARE FOR SUMMER CASE
 5. THE ESTIMATED MAKE-UP GLYCOL WILL BE 8.9KG/DAY (EXCLUDING LEAKAGE AND SPILLAGES)

LEGEND

REFERENCE DRAWING	DRG. No.
*****	*****

KEY PLAN

V02	OCT.2024	IFA	MFS	M.PAKHARIAN	M.Sadeghian	** **	***	*****	** **	*** ****	** **	*** ****	*** ****	*** ****	*** ****
V01	MAY.2024	IFA	MFS	M.PAKHARIAN	S.PARAMARZPOUR	** **	REV.	DESCRIPTION	BY	DATE	BY	DATE	BY	DATE	BY
V00	FEB.2024	IFA	MFS	M.PAKHARIAN	S.PARAMARZPOUR	** **			CHECKED		REV. APPR.				
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	مهر و هلال سپهر نیا مشتریان و حق امتیازات فولاد مبارک و شرکت های فولاد								