

PK-TK-2207
CORROSION INHIBITOR TANK

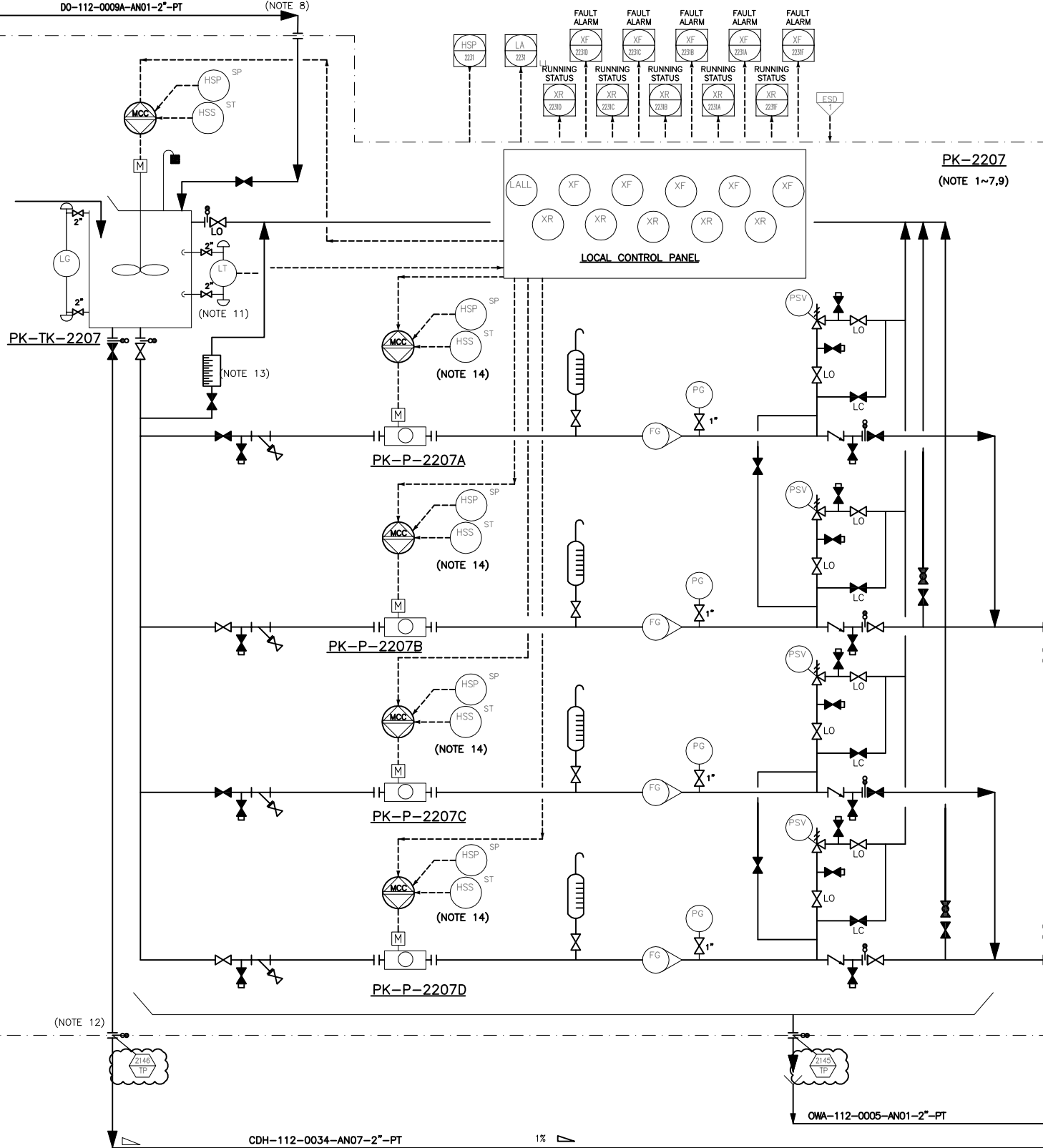
DESIGN TEMP.: 85 °C
DESIGN PRESS.: ATM + FULL OF WATER
TANK NOMINAL CAPACITY: 1.0 m³
CONTROL PANEL TYPE A

FROM DIESEL OIL DRUM
(PK-2206)

BK-GCS-PEDCO-120-PR-PI-0023-1/1

DO-112-0009A-AN01-2"-PT

(NOTE 8)



(NOTE 12)

CDH-112-0034-AN07-2"-PT

1%

PK-P-2207 A/B/C/D (NOTE 1)
CORROSION INHIBITOR PACKAGE PUMP

RATED CAPACITY (HIGH PRESS.): 2.4 L/H
INJECTION PRESS. (HIGH): 62 BARG
RATED CAPACITY (LOW PRESS.): 3.3 L/H
INJECTION PRESS. (LOW): 9 BARG
DESIGN TEMP.: 55 °C

PK-2207
(NOTE 1~7,9)

LOCAL CONTROL PANEL

TO DEHYDRATION OUTLET
HEADER

CHM-112-0011-FS00-3/4"-NP BK-GCS-PEDCO-120-PR-PI-0013-1/3

TO GAS DIS. DRUM OUTLET
(V-2103)

CHM-112-0010-FS00-3/4"-NP BK-GCS-PEDCO-120-PR-PI-0012-1/1

TO GAS PIG RECEIVER OUTLET
(PR-1002)

CHM-112-0001-AS00-3/4"-NP BK-GCS-PEDCO-120-PR-PI-0002-1/1

TO GAS PIG RECEIVER OUTLET
(PR-2002)

CHM-112-0002-AS00-3/4"-NP BK-GCS-PEDCO-120-PR-PI-0003-1/1

TO FUEL GAS K.O. DRUM
(V-2205)

CHM-112-0020-AS00-3/4"-NP BK-GCS-PEDCO-120-PR-PI-0022-1/1

TO INLET K.O. DRUM OUTLET
(V-2105)

CHM-112-0003-AS00-3/4"-NP BK-GCS-PEDCO-120-PR-PI-0005-1/1

TO SLUG CATCHER DRUM OUTLET
(V-2104)

CHM-112-0021-AS00-3/4"-NP BK-GCS-PEDCO-120-PR-PI-0004-1/1

TO OILY WATER SUMP
(SU-2202)

BK-GCS-PEDCO-120-PR-PI-0021-1/1

TO CLOSED DRAIN HEADER

BK-GCS-PEDCO-120-PR-PI-0017-1/2

D08	MAY.2024	APC	M.ARTAPAR	M.PAKHARHAN	S.PARAHANPOOR	00.00
D07	AUG.2023	APC	M.ARTAPAR	M.PAKHARHAN	A.M.MOHESSIN	00.00
D06	APR.2023	APC	M.ARTAPAR	M.PAKHARHAN	M.MEHRSHAD	00.00
D05	DEC.2022	IFA	M.ARTAPAR	M.PAKHARHAN	M.MEHRSHAD	00.00
D04	AUG.2022	IFA	M.ARTAPAR	M.PAKHARHAN	M.MEHRSHAD	00.00
D03	JUN.2022	IFA	M.ARTAPAR	M.PAKHARHAN	M.MEHRSHAD	00.00
D02	MAR.2022	IFA	M.ARTAPAR	M.PAKHARHAN	M.MEHRSHAD	00.00
D01	JAN.2022	IFA	M.ARTAPAR	M.PAKHARHAN	M.MEHRSHAD	00.00
D00	OCT.2021	IPC	M.ARTAPAR	M.PAKHARHAN	M.MEHRSHAD	00.00
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

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

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY

HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

PEDCO

DRAWING TITLE: P&ID - CORROSION INHIBITOR PACKAGE

SCALE: NS SIZE: AS DRAWING NO.: BK-GCS-PEDCO-120-PR-PI-0018 SHEET NO.: 1 OF 1 REV.: D08

BUDGET REF.: 053-073-9184 LOCATION: F SIZE: 2 CLASS: A SERIAL NO.: 706796 SHEET: 1 OF 1 REVISION: D08

NOTES

- 1- THE GIVEN VALUES FOR INJECTION CAPACITY OF ALL INJECTION PACKAGES ARE PRELIMINARY AND SHALL BE FINALIZED BY VENDOR.
- 2- PIPING SHOULD CONSIDER VENT CONNECTION IN HIGH POINT AND DRAIN CONNECTION IN LOW POINTS.
- 3- VERTICALLY MOUNTED, FLOW FROM BOTTOM TO TOP (FOR ROTAMETER).
- 4- ALL VALVES IN CHEMICAL PACKAGES SHALL BE LOCKABLE TYPE.
- 5- CHEMICAL RATES AND INJECTION POINTS WILL BE FINALIZED AFTER RECEIVING VENDOR DATA.
- 6- DELETED.
- 7- LOCAL MCC (MOTOR CONTROL CENTER) OR PDP (POWER DISTRIBUTION PANEL) IS IN VENDOR SCOPE OF WORK.
- 8- FUEL OIL LINE REQUIREMENT (CONNECTION, FLANGE, ...) SHALL BE CONSIDERED BY CHEMICAL VENDOR.
- 9- BACK PRESSURE VALVE SHOULD BE CONSIDERED IN DISCHARGE HEADER BY VENDOR.
- 10- DELETED.
- 11- REQUIRED LOGIC FOR LALL TO BE IMPLEMENTED BY LCP SUCH AS PUMP AND MIXER SHUTDOWN (BY VENDOR).
- 12- CHEMICAL SPILLAGE SHALL BE ROUTED TO CLOSE DRAIN.
- 13- CALIBRATION POT TO BE READABLE FROM STROKE ADJUSTMENT MANUAL DEVICE AND TO BE LOCATED CLOSE TO SUCTION BLOCK VALVE.
- 14- MCC AND START/STOP PUSH BOTTOM TO BE CONSIDERED BY VENDOR ON LCP.
- 15- PARTIAL STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.

GENERAL NOTE

LEGEND

REFERENCE DRAWING	DRG. No.
Utility Flow Diagram	BK-GCS-PEDCO-120-PR-UF-0001
Symbol & Legend For PFD & P&ID	BK-GCS-PEDCO-120-PR-PI-0001

KEY PLAN

اخذ و کلیه نسخ این نقشه و حق آذینایی متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد
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DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED
APPROVED FOR CONSTRUCTION BY: DATE: