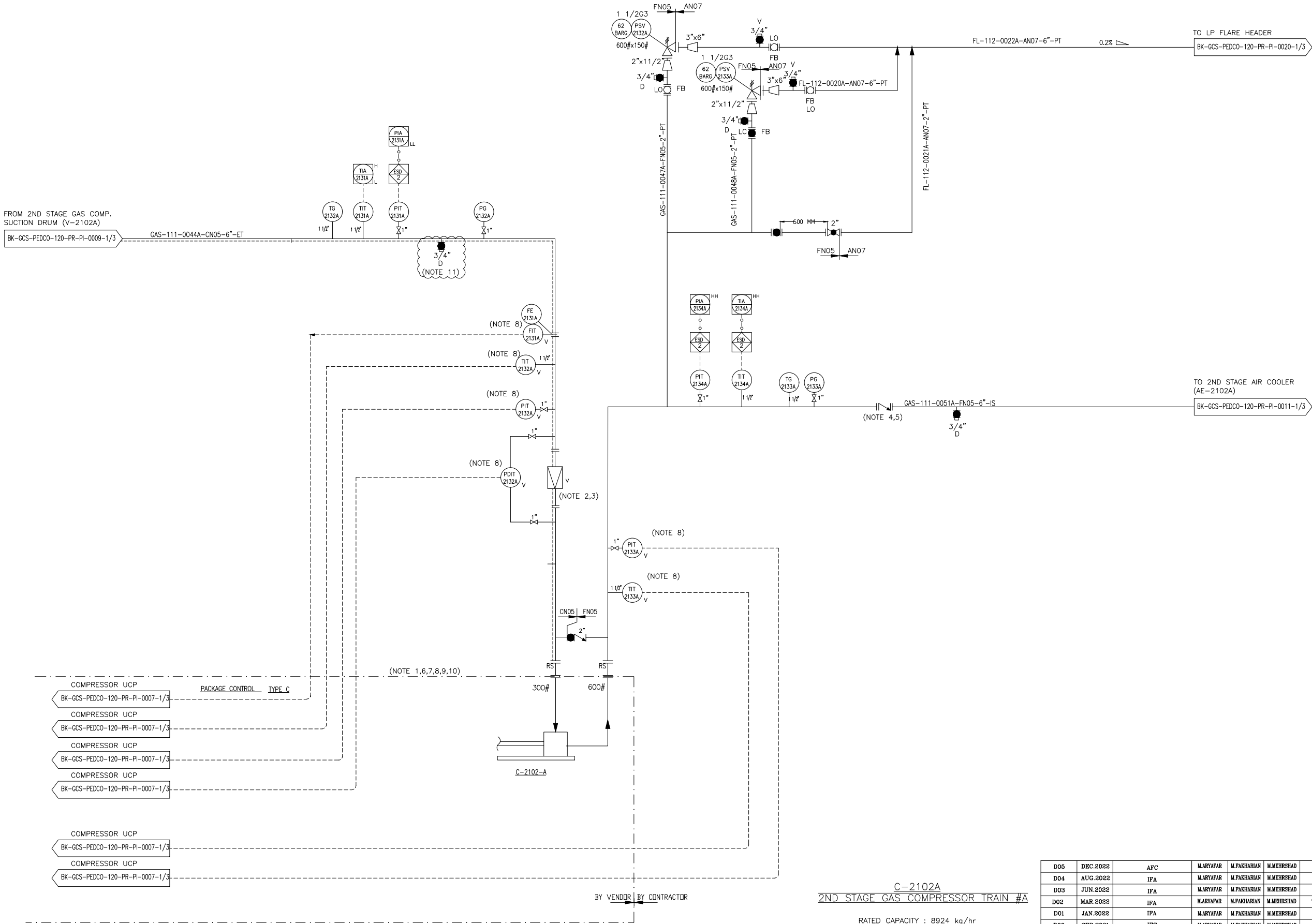




- NOTES
- 1- COMPRESSOR PACKAGE WILL BE FINALIZED BY VENDOR.
 - 2- STRAINER TO BE MIN. DISTANCE FROM COMPRESSOR INLET NOZZLE.
 - 3- STRAINER TO BE REMOVABLE WITHOUT BREAKING PIPING ALIGNMENT.
 - 4- CON TYPE SUITABLE FOR COMPRESSOR SERVICE.
 - 5- LOCATE AS CLOSE TO C-2102A OUTLET FLANGE AS POSSIBLE.
 - 6- CONTROL OF COMPRESSOR PACKAGE WILL BE FINALIZED BY VENDOR.
 - 7- COMPRESSOR VENDOR TO CONFIRM REQUIREMENT FOR HOT GAS BY-PASS.
 - 8- SHALL BE PROVIDED BY COMPRESSOR VENDOR.
 - 9- PULSATION DAMPERS ARE REQUIRED ON DISCHARGE OF EACH STAGE.
 - 10- REDUNDANT SERIAL LINK SHALL BE CONSIDERED BETWEEN UCP AND DCS. QUANTITIES OF SIGNALS WILL BE FINALIZED LATER.
 - 11- DRAIN CONNECTION SHALL BE CONSIDERED ON LOW POINT OF LINE BETWEEN V-2101 A AND COMPRESSOR.

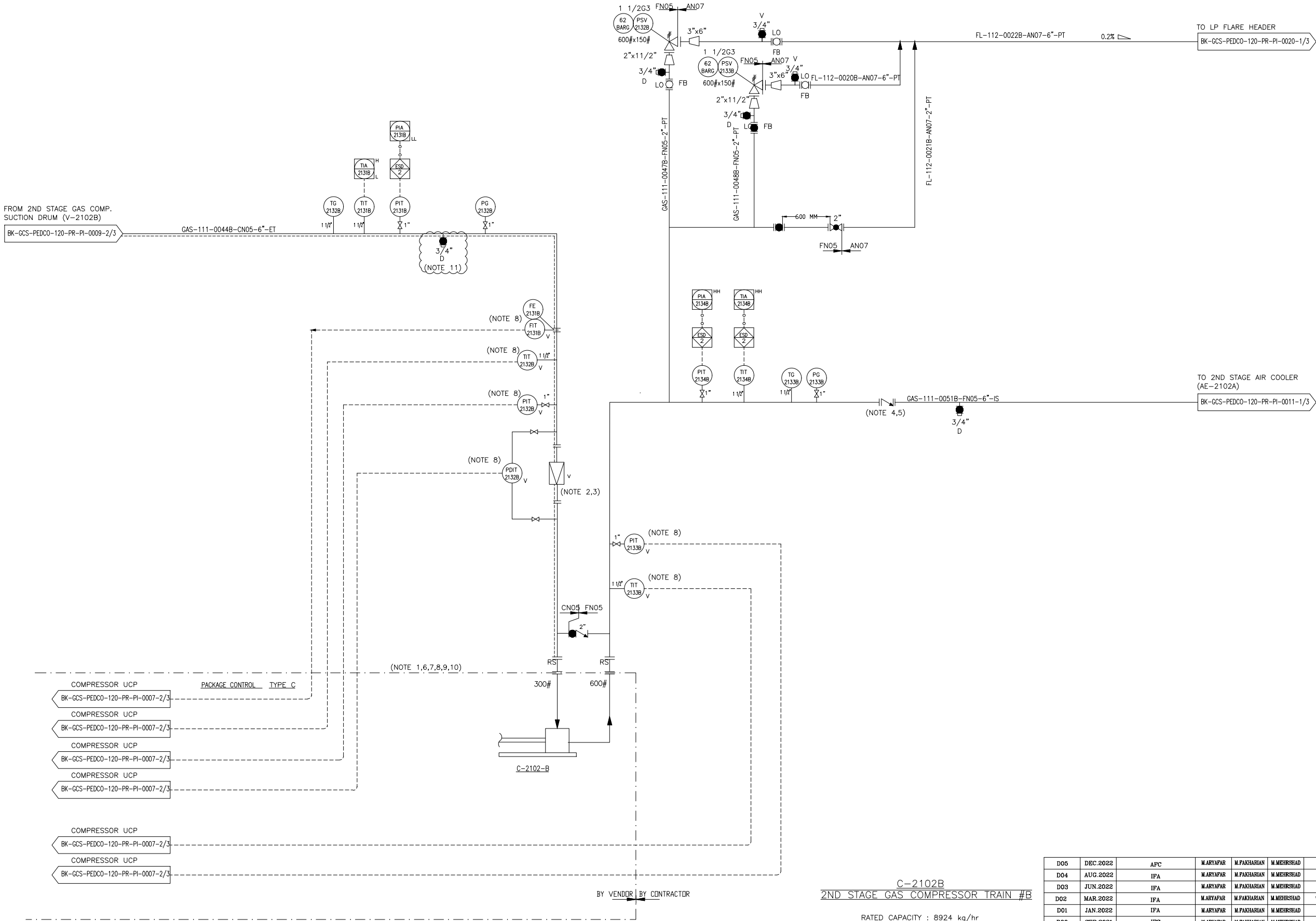
LEGEND

V : PROVIDE BY COMPRESSOR VENDOR

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

KEY PLAN

D05	DEC.2022	APC	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **										
D04	AUG.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **										
D03	JUN.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **										
D02	MAR.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **	REV.	*****	** **	*** ****	** **	*** ****				
D01	JAN.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **			BY	DATE	BY	DATE				
D00	SEP.2021	IPC	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **										
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اخذ و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.									
PROJECT NAME:							THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS									
PROJECT NO.:							971020									
EPC CONTRACTOR:							EPD/EPC CONTRACTOR (GC):							BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION		
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES							PETROIRAN DEVELOPMENT COMPANY							DATE	SCALE	DRAWING BY
DRAWING TITLE:							P&ID - 2nd STAGE GAS COMPRESSION COMPRESSORS							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED		
SCALE							APPROVED FOR CONSTRUCTION							BY:		
SIZE							BUDGET REF.							DATE:		
DRAWING NO.							LOCATION							SHEET		
SHEET NO.							SIZE							REVISION		
REV.							CLASS									
D05							971020							D05		
D05-073-9184							F							D05		
2							A							D05		
708788							1 OF 3							D05		
D05							D05							D05		



- NOTES
- 1- COMPRESSOR PACKAGE WILL BE FINALIZED BY VENDOR.
 - 2- STRAINER TO BE MIN. DISTANCE FROM COMPRESSOR INLET NOZZLE.
 - 3- STRAINER TO BE REMOVABLE WITHOUT BREAKING PIPING ALIGNMENT.
 - 4- CON TYPE SUITABLE FOR COMPRESSOR SERVICE.
 - 5- LOCATE AS CLOSE TO C-2102B OUTLET FLANGE AS POSSIBLE.
 - 6- CONTROL OF COMPRESSOR PACKAGE WILL BE FINALIZED BY VENDOR.
 - 7- COMPRESSOR VENDOR TO CONFIRM REQUIREMENT FOR HOT GAS BY-PASS.
 - 8- SHALL BE PROVIDED BY COMPRESSOR VENDOR.
 - 9- PULSATION DAMPERS ARE REQUIRED ON DISCHARGE OF EACH STAGE.
 - 10- REDUNDANT SERIAL LINK SHALL BE CONSIDERED BETWEEN UCP AND DCS. QUANTITIES OF SIGNALS WILL BE FINALIZED LATER.
 - 11.DRAIN CONNECTION SHALL BE CONSIDER ON LOW POINT OF LINE BETWEEN V-2101 A AND COMPRESSOR.
 - 12-PARTIAL STROK DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.

LEGEND

V : PROVIDE BY COMPRESSOR VENDOR

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

KEY PLAN

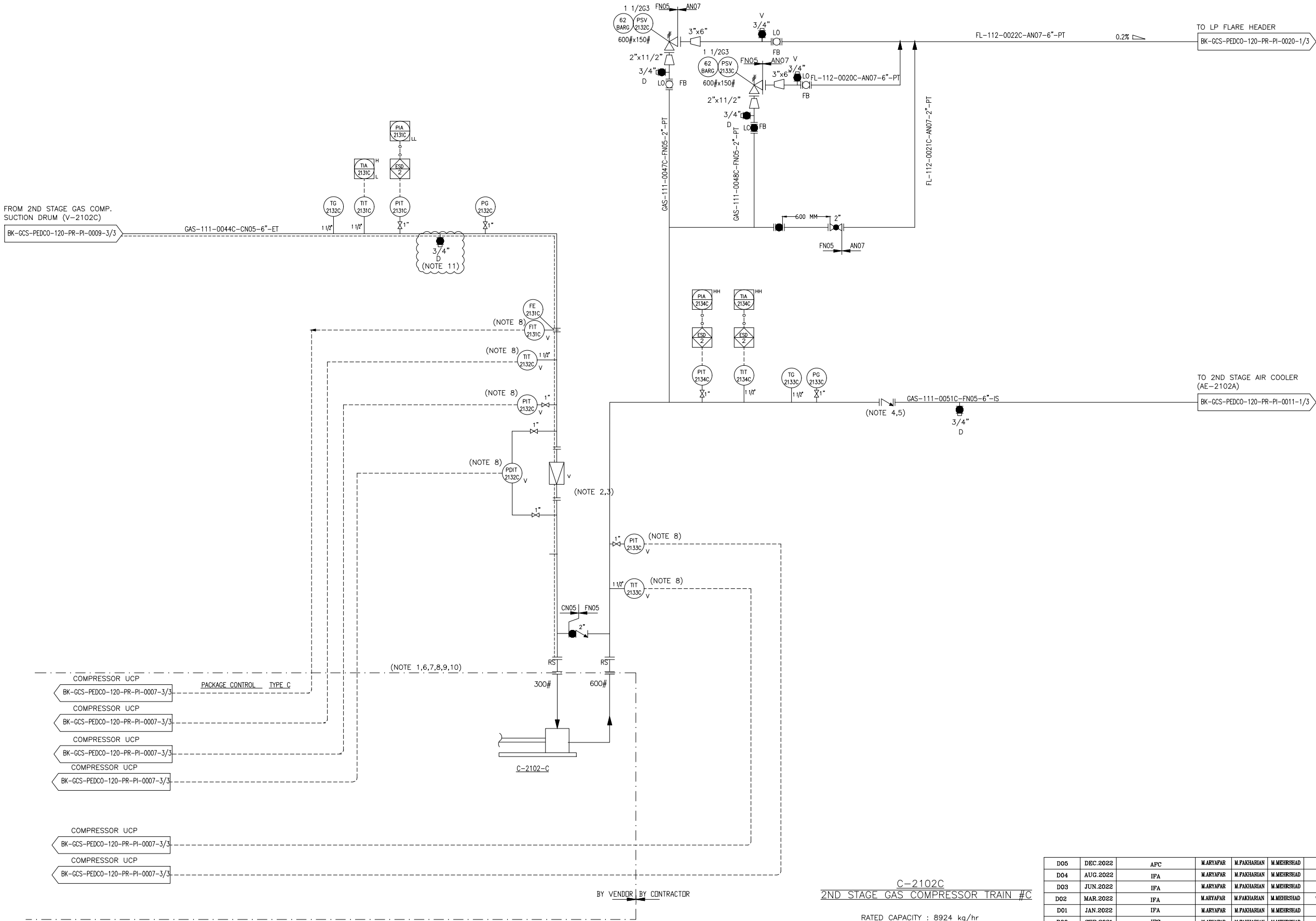
C-2102B
2ND STAGE GAS COMPRESSOR TRAIN #B

RATED CAPACITY : 8924 kg/hr
DESIGN TEMP. : 175 °C
DESIGN PRESS. : 62 barg
(1 X 100%)

TRIM LINE : TRM-C-2102-0511-FN05-IS
TRIM LINE : TRM-C-2102-0508-CN05-ET

D05	DEC.2022	APC	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	***										
D04	AUG.2022	IFA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	***										
D03	JUN.2022	IFA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	***										
D02	MAR.2022	IFA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	***	***	*****	***	***	*****	***	***	*****		
D01	JAN.2022	IFA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE				
D00	SEP.2021	IPC	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	***			CHECKED				REV. APPR.			
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.									
PROJECT NAME:							THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS									
PROJECT NO.:							 971020									
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):				BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION									
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY				DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.									
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED									
P&ID – 2nd STAGE GAS COMPRESSION COMPRESSORS							APPROVED FOR CONSTRUCTION BY: DATE:									
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.		SHEET	REVISION		
NS	A3	BK-GCS-PEDCO-120-PR-PI-0010			2 OF 3	D05	053-073-9184	F	2	A	708788		2 OF 3	D05		

(VENDOR TITLE BLOCK)**



C-2102C
2ND STAGE GAS COMPRESSOR TRAIN #C

RATED CAPACITY : 8924 kg/hr
DESIGN TEMP. : 175 °C
DESIGN PRESS. : 62 barg
(1 X 100%)

TRIM LINE : TRM-C-2102-0511-FN05-IS
TRIM LINE : TRM-C-2102-0508-CN05-ET

- NOTES
- 1- COMPRESSOR PACKAGE WILL BE FINALIZED BY VENDOR.
 - 2- STRAINER TO BE MIN. DISTANCE FROM COMPRESSOR INLET NOZZLE.
 - 3- STRAINER TO BE REMOVABLE WITHOUT BREAKING PIPING ALIGNMENT.
 - 4- CON TYPE SUITABLE FOR COMPRESSOR SERVICE.
 - 5- LOCATE AS CLOSE TO C-2102C OUTLET FLANGE AS POSSIBLE.
 - 6- CONTROL OF COMPRESSOR PACKAGE WILL BE FINALIZED BY VENDOR.
 - 7- COMPRESSOR VENDOR TO CONFIRM REQUIREMENT FOR HOT GAS BY-PASS.
 - 8- SHALL BE PROVIDED BY COMPRESSOR VENDOR.
 - 9- PULSATION DAMPERS ARE REQUIRED ON DISCHARGE OF EACH STAGE.
 - 10- REDUNDANT SERIAL LINK SHALL BE CONSIDERED BETWEEN UCP AND DCS, QUANTITIES OF SIGNALS WILL BE FINALIZED LATER.
 - 11.DRAIN CONNECTION SHALL BE CONSIDER ON LOW POINT OF LINE BETWEEN V-2101 A AND COMPRESSOR.
 - 12-PARTIAL STROK DEICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.

LEGEND

V : PROVIDE BY COMPRESSOR VENDOR

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

KEY PLAN

D05	DEC.2022	APC	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **													
D04	AUG.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **													
D03	JUN.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **													
D02	MAR.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **	***	*****	** **	*** ****	** **		*** ****						
D01	JAN.2022	IPA	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **	REV.	DESCRIPTION	BY	DATE	BY	DATE							
D00	SEP.2021	IPC	M.ARYAPAR	M.PAKHARIAN	M.MEHRSHAD	** **					CHECKED		REV.	APPR.					
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کليه نسخ اين نقشه و حق اقتباسي متعلق به شرکت ملی مناطق نفت خيز جنوب مي باشد.												
PROJECT NAME:							BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION												
PROJECT NO.:							971020												
EPC CONTRACTOR:							EPD/EPC CONTRACTOR (GC):												
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES							 PETROIRAN DEVELOPMENT COMPANY							BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION					
							DATE		SCALE		DRAWING BY		CHECKED BY		PROJECT ENG.				
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED												
P&ID - 2nd STAGE GAS COMPRESSION COMPRESSORS							APPROVED FOR CONSTRUCTION									BY:		DATE:	
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION						
NS	A3	BK-GCS-PEDCO-120-PR-PI-0010			3 OF 3	D05	053-073-9184	F	2	A	708788	3 OF 3	D05						