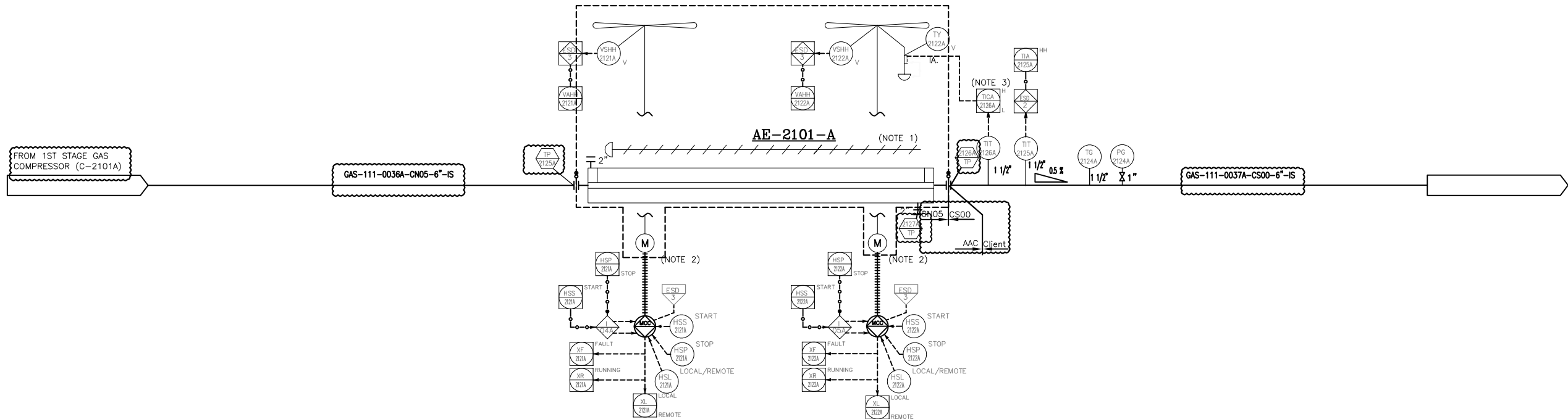


AE-2101A  
1ST STAGE GAS COMPRESSION AIR  
COOLER TRAIN #A  
DESIGN DUTY : 381.8 kW  
DESIGN PRESS. : 22 barg  
DESIGN TEMP. : 155 °C



NOTES

- 1- MANUAL LOUVER CONTROL.
- 2- HALF OF FANS SHALL BE EQUIPPED WITH VARIABLE PITCH AUTOMATIC SYSTEM TO CONTROL FLUID OUTLET TEMPERATURE.
- 3- TEMPERATURE TO BE ADJUSTED BY BLADE CONTROL SYSTEM.



LEGEND

V: INSTRUMENT FURNISHED BY VENDOR.

REFERENCE DRAWING

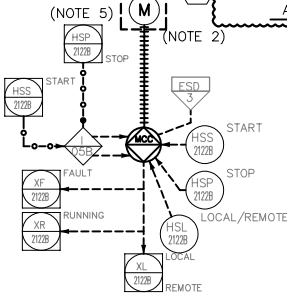
DRG. No.

KEY PLAN

VO1	OCT.2024	IFA	AC	M.PAKHSHIAN	M.SADEGHIAN	
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:			EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE:						
P&ID - 1st STAGE GAS COMPRESSION AIR COOLERS						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
NS	A3	BK-GCS-AA-120-PR-PI-0001			1 OF 6	VO1

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
APPROVED FOR CONSTRUCTION		BY:	DATE:		
BUDGET REF.	LOCATION	SIZE CLASS	SERIAL NO.	SHEET	REVISION
				1 OF 6	

## DESIGN TEMP. : 155 °C



- DRG. No.

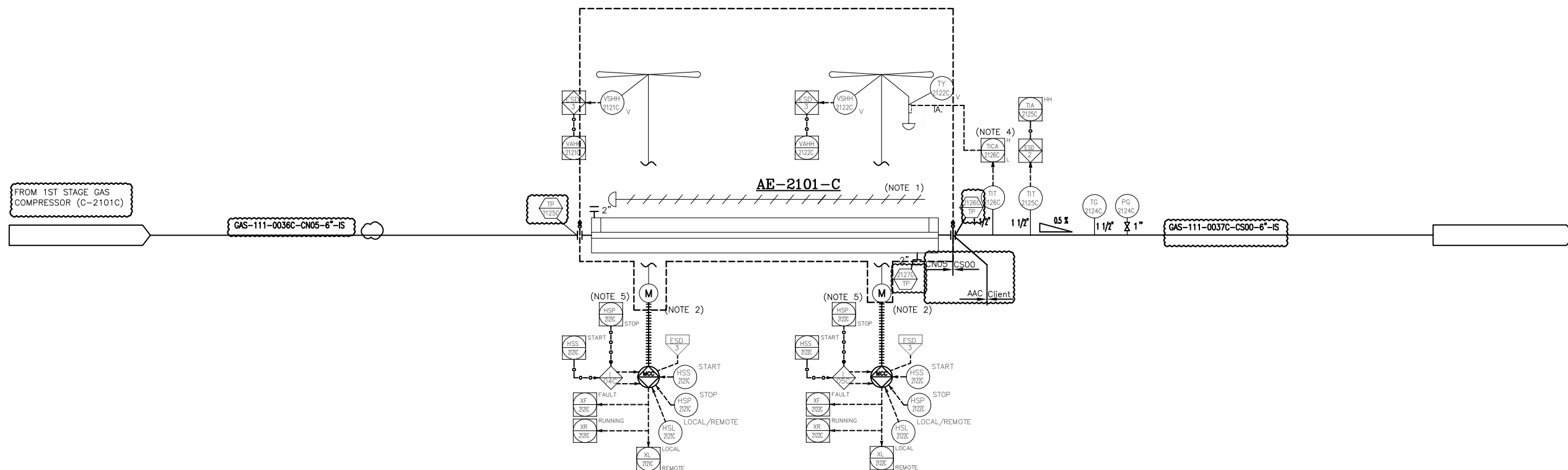
					2 OF 6	
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NS	A3	BK-GCS-AA-120-PR-PI-0001	2 OF 6	V01
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AAC

AE-2101C  
1ST STAGE GAS COMPRESSION AIR

DESIGN DUTY : 381.8 kW  
DESIGN PRESS. : 22 barg  
DESIGN TEMP. : 155 °C



## NOTES

- 1- MANUAL LOUVER CONTROL.
- 2- HALF OF FANS SHALL BE EQUIPPED WITH VARIABLE PITCH AUTOMATIC SYSTEM TO CONTROL FLUID OUTLET TEMPERATURE.
- 3- DELETED.
- 4- TEMPERATURE TO BE ADJUSTED BY BLADE CONTROL SYSTEM.
- 5- TO BE PROVIDED BY COOLER VENDOR.
- 6- PARTIAL STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1.0.

### LEGEND

V: INSTRUMENT FURNISHED BY VENDOR.

REFERENCE DRAWING	DEG. No.

## KEY PLAN

000	0000000000	00.00	000.0000	00.00	000.0000
REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.



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**BINAK OILFIELD DEVELOPMENT  
SURFACE FACILITIES  
GAS COMPRESSOR STATION**

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED				

APPROVED FOR CONSTRUCTION				BY:	DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION

						3 OF 6	
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V01	OCT.2024	IPA	AMC	M.PAKHARIHAN	M.SADEGHIAN	
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAQ OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION						
PROJECT NO.:			971020			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			
 <b>HIRGAN ENERGY - DESIGN &amp; INSPECTION COMPANIES</b>			 <b>PETROIRAN DEVELOPMENT COMPANY</b>			
DRAWING TITLE:						
P&ID - 1st STAGE GAS COMPRESSION AIR COOLERS						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
NS	A3	BK-GCS-AA-120-PR-PI-0001			3 OF 6	V0

VENDOR LOGO:



Project No: 17208

## DESIGN TEMP. { 175 °C



- 1- MANUAL LOUVER CONTROL.
- 2- HALF OF FANS SHALL BE EQUIPPED WITH VARIABLE PITCH AUTOMATIC SYSTEM TO CONTROL FLUID OUTLET TEMPERATURE.
- 3- TEMPERATURE TO BE ADJUSTED BY BLADE CONTROL SYSTEM.

## V: INSTRUMENT FURNISHED BY VENDOR.

DEC No.

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	

اصل و کلیه نسخ این نقشه و حق اقتباسی متعلق به شرکت ملی مناطق نفت خیز جنوب می باشد.

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**BINAK OILFIELD DEVELOPMENT  
SURFACE FACILITIES  
GAS COMPRESSOR STATION**

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED			
APPROVED FOR CONSTRUCTION	BY	DATE	

APPROVED FOR CONSTRUCTION				BY:	DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION

					4 OF 6
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VO1	OCT.2024	IFA	AMC	M.FAKHRAHAN	M.SADEGHIAN	
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAQ OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION						
PROJECT NO.:			971020			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			
  HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE:						
P&ID - 1st STAGE GAS COMPRESSION AIR COOLERS						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
NS	A3	BK-GCS-AA-120-PR-PI-0001			4 OF 6	VO

VENDOR LOGO:

**AAC**

Project No: 17208

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