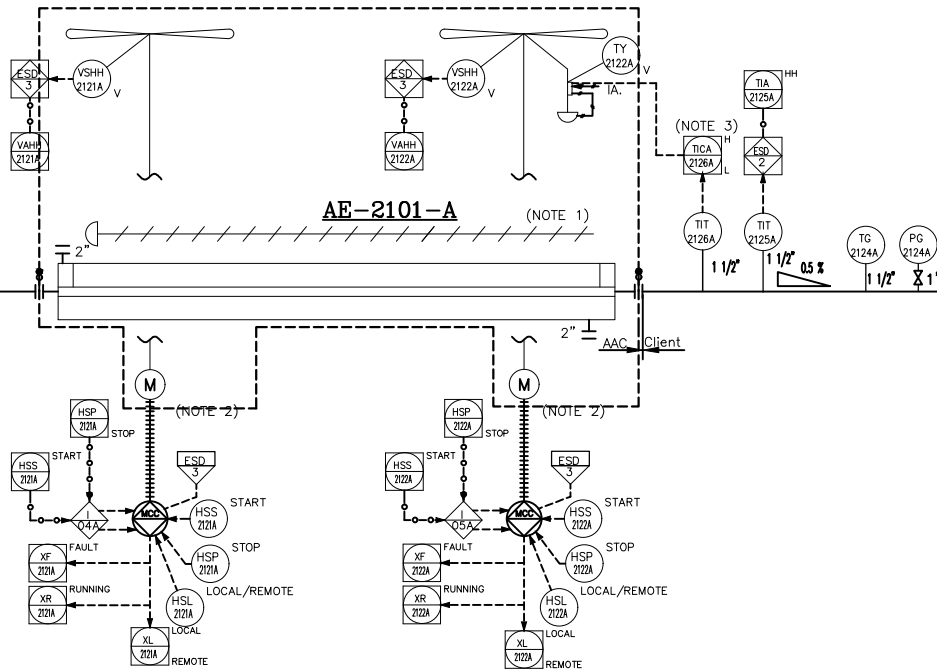


AE-2101A
2ST STAGE GAS COMPRESSION AIR
COOLER TRAIN #A
DESIGN DUTY : 381.8 KW
DESIGN PRESS. : 22 barg
DESIGN TEMP. : 155 °C



- 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

REFERENCE DRAWING

DRG. No.

KEY PLAN

V03	JAN.2025	APC	AAC	M.FAKHARIAN	S.Paramarzpour	
V02	NOV.2024	APC	AAC	M.FAKHARIAN	M.SADDOGHAN	
V01	OCT.2024	IFA	AAC	M.FAKHARIAN	M.SADDOGHAN	
V00	AUG.2024	IFA	AAC	M.FAKHARIAN	M.SADDOGHAN	
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 - DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC):  PETROIRAN DEVELOPMENT COMPANY

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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:

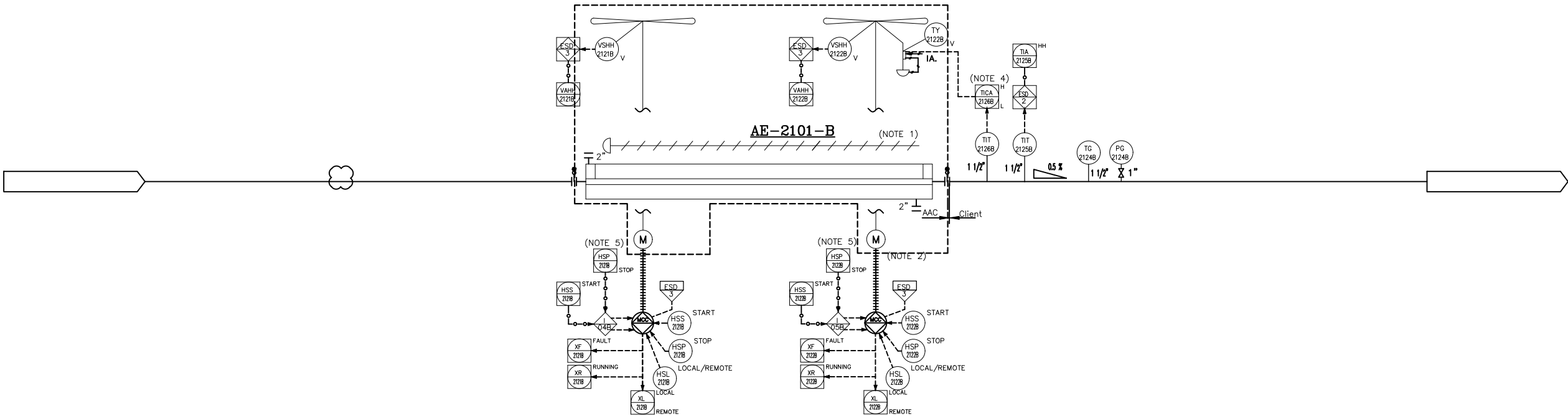
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
NS	AS	BK-GCS-AA-120-PR-FI-0001	1 OF 6	V03						1 OF 6	

VENDOR LOGO:

AAC

Project No: 17208

AE-2101B
2ST STAGE GAS COMPRESSION AIR
COOLER TRAIN #B
DESIGN DUTY : 381.8 kW
DESIGN PRESS. : 22.00 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

REFERENCE DRAWING	DRG. No.

KEY PLAN

V03	JAN.2025	APC	AMC	M.FAKHARIAN	S.Paramarzpour
V02	NOV.2024	APC	AMC	M.FAKHARIAN	M.SADDOGHIAN
V01	OCT.2024	IFA	AMC	M.FAKHARIAN	M.SADDOGHIAN
V00	AUG.2024	IFA	AMC	M.FAKHARIAN	M.SADDOGHIAN
REV.	DATE	P.O.I.S	PREP	CHK.	APP.

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

PROJECT NO.: 971020

EPC CONTRACTOR:  
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC):  PETROIRAN DEVELOPMENT COMPANY

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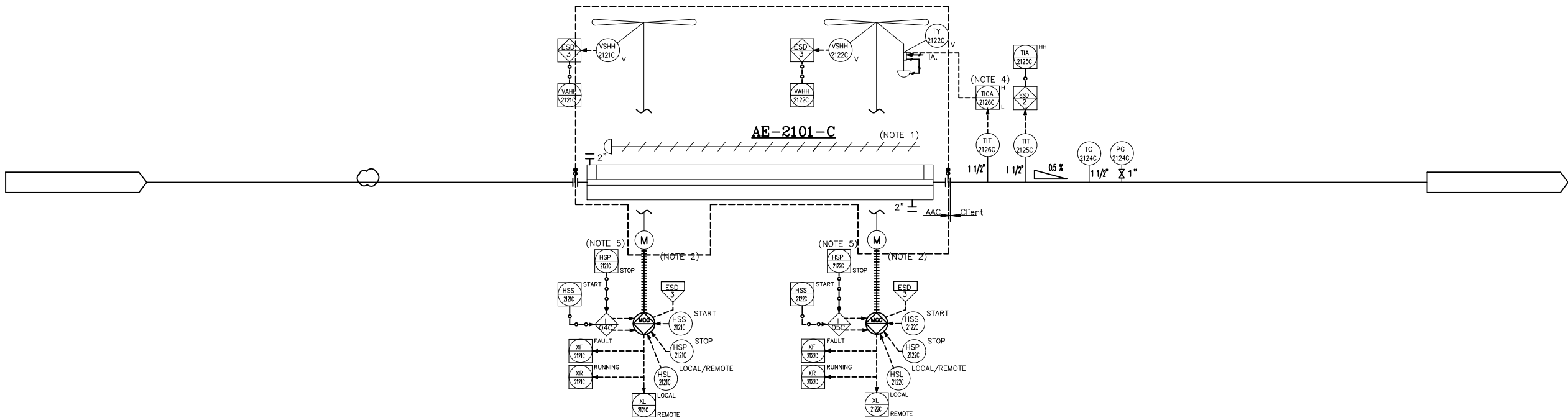
APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
NS	AS	BK-GCS-AA-120-PR-FI-0001	2 OF 6	V03						2 OF 6	

VENDOR LOGO:

Project No: 17208

AE-2101C
3ST STAGE GAS COMPRESSION AIR
COOLER TRAIN #C
DESIGN DUTY : 381.8 KW
DESIGN PRESS. : 22.0 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

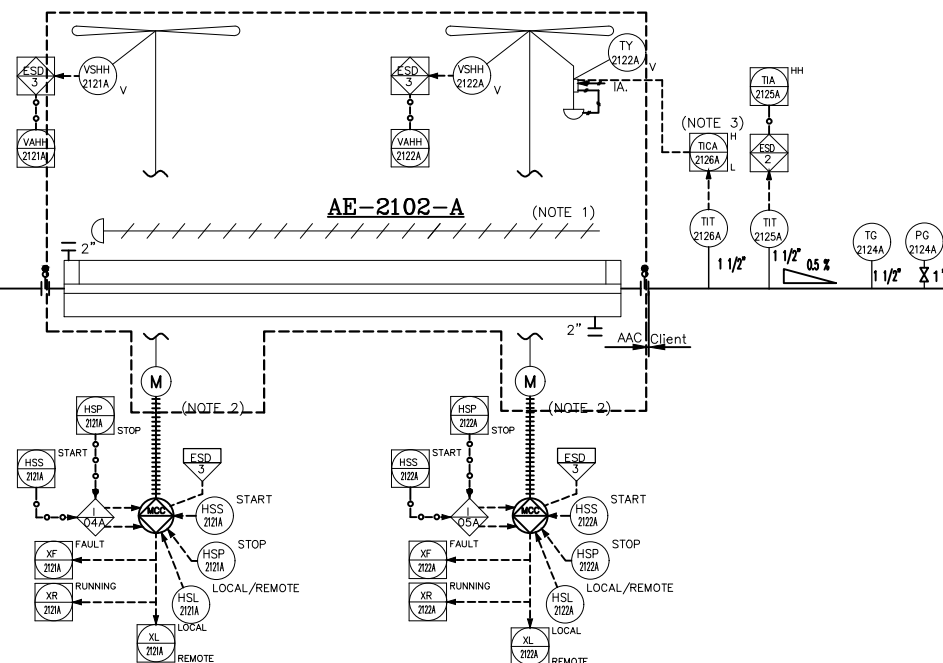
REFERENCE DRAWING	DRG. No.

KEY PLAN

V03	JAN.2025	APC	AAC	M.FAKHARIAN	S.Paramarzpour						
V02	NOV.2024	APC	AAC	M.FAKHARIAN	M.SADDOGHAN						
V01	OCT.2024	IFA	AAC	M.FAKHARIAN	M.SADDOGHAN						
V00	AUG.2024	IFA	AAC	M.FAKHARIAN	M.SADDOGHAN						
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											
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					
NS	AS	BK-GCS-AA-120-PR-FI-0001	3 OF 6	V03							

VENDOR LOGO:
AAC
Project No: 17208

AE-2102A
2ST STAGE GAS COMPRESSION AIR
COOLER TRAIN #A
DESIGN DUTY : 582 kW
DESIGN PRESS. : 62 barg
DESIGN TEMP. : 175 °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

REFERENCE DRAWING	DRG. No.

KEY PL

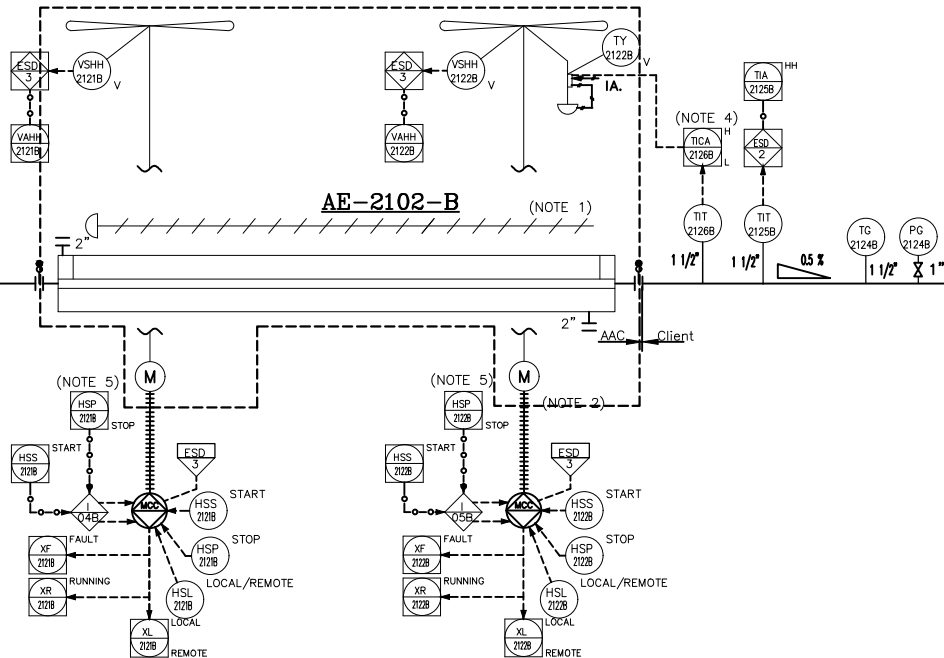
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VENDOR LOGO:

AAC

Project No: 17208

AE-2102B
2ST STAGE GAS COMPRESSION AIR
COOLER TRAIN #B
DESIGN DUTY : 582 t/d
DESIGN PRESS. : 62 barg
DESIGN TEMP. : 175 °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

REFERENCE DRAWING

DRG. No.

KEY PLAN

V03	JAN.2025	APC	AAC	M.FAKHARIAN	S.Paramarspour
V02	NOV.2024	APC	AAC	M.FAKHARIAN	M.SADDOGHAN
V01	OCT.2024	IFA	AAC	M.FAKHARIAN	M.SADDOGHAN
V00	AUG.2024	IFA	AAC	M.FAKHARIAN	M.SADDOGHAN
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.

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

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY
EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY

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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

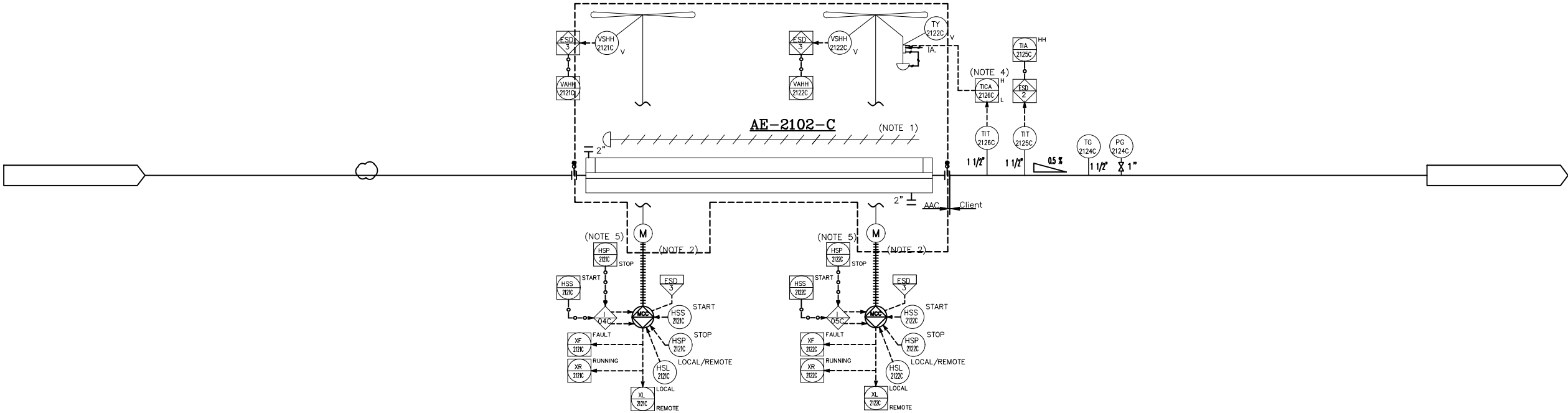
APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION

VENDOR LOGO:
AAC
Project No: 17208

DRAWING TITLE: P&ID - 1st STAGE GAS COMPRESSION AIR COOLERS
SCALE SIZE DRAWING NO. SHEET NO. REV. BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION

AE-2102C
3ST STAGE GAS COMPRESSION AIR
COOLER TRAIN #C
DESIGN DUTY : 582 kW
DESIGN PRESS. : 62 bara
DESIGN TEMP. : 175 °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.
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 - 6- PARTIAL STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.

LEGEND

REFERENCE DRAWING	DRG. No.

KEY PLAN

V03	JAN.2025	APC	AAC	M.PAKHARHAN	S.Paramaraspour	
V02	NOV.2024	APC	AAC	M.PAKHARHAN	M.SADDOGHAN	
V01	OCT.2024	IFA	AAC	M.PAKHARHAN	M.SADDOGHAN	
V00	AUG.2024	IFA	AAC	M.PAKHARHAN	M.SADDOGHAN	
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 - DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC):



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BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION				
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SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
NS	AS	BK-GCS-AA-120-PR-FI-0001	6 OF 6	V03						6 OF 6	

VENDOR LOGO:

Project No: 17208