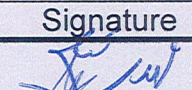
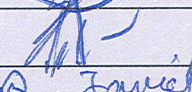
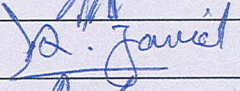
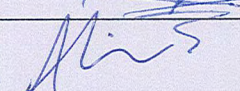
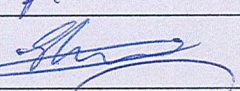
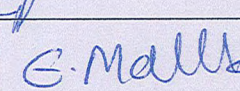
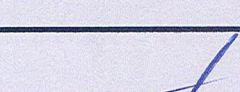
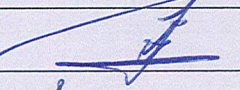
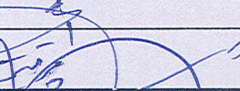
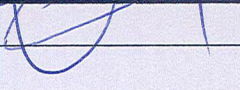
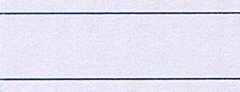
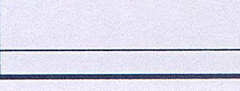


Owner/MC:  	MINUTES OF METTING مهيا نمودن شرايط ساخت	Contractor: 
 Vendor: ENER TEKNOLOJI	Project Title: Procure, Construct, Pre-Commissioning & Commissioning of Styrene Park (Off-site Facilities & Utilities)	Dated: 09-Apr-2024
MR NO: EI027-000-ED-ME-MR-003,005 Rev01	P.O. Description: Filter Package and Active Carbon Package	Project No.: PJPC-98-36 P.O. No.: Offsite - 60

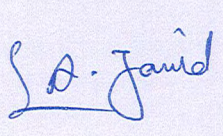
Attendees: (*: Part Time Attendance)			
Company	Name	Title	Signature
Client /Consultant PJPC/ Gohar Ofogh	Mr. Bakhtiari	Project Manager-PJPC	
	Mr. Ahangaran	Offsite engineering Head-PJPC	
	Mr. Javid	Engineering Head- GOPC	
	Mr. Chizari	Process Engineer- GOPC	
	Mr. Parnianchi	Mechanical Engineer- GOPC	
Contractor	Mr. Afshinnejad	(Ener Teknoloji)	
	Mr. Shoarian	Project Manager (Ener Teknoloji)	
	Mr.Azodi	Mechanical Engineer	
	Mr. Keshmiri	Project Manager (Hamoon rah)	
	Mr. Tavakoli	Process Engineer	
	Mrs.Taymouri	Mechanical Engineer	
	Mr.Malek	Engineering MD	
Purchaser: Petroelectric Energy Development CO (PEEDCo.)	Mr. Yari	Purchasing Manager	
	Mr. Namazi	Engineering Manager	
	Mr. Afkhami	Contract Manager	
	Mr. Borgheymat	Project. MD	

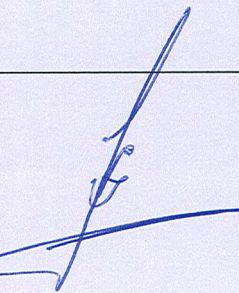
Owner/MC:		
 	MINUTES OF METTING مهیا نمودن شرایط ساخت	Contractor: 
 Vendor: ENER TEKNOLOJI	Project Title: Procure, Construct, Pre-Commissioning & Commissioning of Styrene Park (Off-site Facilities & Utilities)	Dated: 09-Apr-2024
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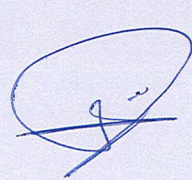
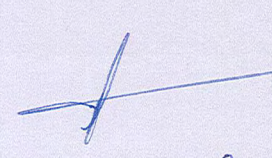
شرح	ردیف
1. ویرایش جدید PFD وندور ، بر اساس توافقات صورت گرفته در جلسه ارسال خواهد شد. 2. در مدرک PFD کارفرما دانسیته در لاین شماره 31 بر اساس بررسی انجام شده ، عدد دانسیته به 1.2 تغییر نمود و همچنین CP/CV در مدرک PFD وندور باید اضافه شود. 3. مدرک PFD بر اساس توافقات در جلسه AN (Approved as Note) شد.	1
1. کامنت های مربوط به مدرک P&ID نسخه 00 در جلسه مورد بررسی قرار گرفت. کلیه موارد مورد تایید طرفین قرار گرفت. (پیوست صورتجلسه) 2. مدرک P&ID-Active Carbon and basket Filter نسخه 01 در جلسه AN (Approved as Note) شد. 3. پس از ارسال مدرک Symbol & Legend توسط شرکت گوهر افق، موارد در مدرک P&ID اعمال خواهد شد.	2
1. در مدرک Active Carbon-data sheet ردیف 19 بیشترین افت افشار برای فیلتر از 0.02 به 0.07 افزایش یابد (مطابق مدرک PFD پروژه). 2. مدرک Active Carbon and basket Filter Data sheet نسخه 01 در جلسه AN (Approved as Note) شد. (پیوست صورتجلسه)	3
1. با توجه به تغییر نوع فیلتر از Cartridge Filter به Basket Filter مدرک VPIS اصلاح شده ارسال خواهد شد. در خصوص مدرک VPIS کامنت دیگری وجود ندارد و مورد تایید کارفرما قرار گرفته است.	4

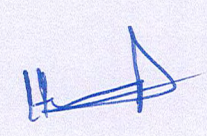
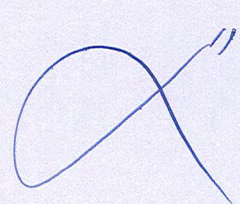
Owner/MC:		
 	MINUTES OF METTING مهیا نمودن شرایط ساخت	Contractor: 
 Vendor: ENER TEKNOLOJI	Project Title: Procure, Construct, Pre-Commissioning & Commissioning of Styrene Park (Off-site Facilities & Utilities)	Dated: 09-Apr-2024
MR NO: EI027-000-ED-ME-MR-003,005 Rev01	P.O. Description: Filter Package and Active Carbon Package	Project No.: PJPC-98-36 P.O. No.: Offsite - 60

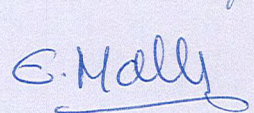
شرح	ردیف
1. مدرک AN (Approved as Note) Active Carbon and basket Filter- GAD در جلسه 00 در جلسه (پیوست صورتجلسه) شد.	5
1. با توجه به مستقل بودن تجهیزات، نصب به صورت Skid Mounted نمی باشد و base plate به صورت مستقیم بر روی Foundation نصب می گردد.	6
1. با توجه به بررسی کلیه مدارک مورد نیاز برای شروع ساخت و AN (Approved as Note) شدن کلیه مدارک مذکور ، مطابق مدارک پیوست، شروع عملیات ساخت از تاریخ 1403/01/21 بلامانع است.	7








 	CONCEPTUAL, BASIC and DETAIL DESIGN ENGINEERING OF STYRENE PARK OFFSITE		  
	Document Title: General Arrangement Drawing-Active Carbon Filter for Active Carbon Package		
Document No.: EI0127-ENR-VD-ME-DWG-005		Rev. R1	Page 1 of 3

STYRENE PARK OFFSITE

Document Title

General Arrangement Drawing-Active Carbon Filter

FOR

Active Carbon Package

R0	2024/04/08	Issued For Approval	M.Teymouri	E.Malek	H.Keshmiri
R0	2024/03/04	Issued For Approval	M.Teymouri	E.Malek	H.Keshmiri
Rev.	Issued Date	DESCRIPTION	PREPARED	CHECKED	APPROVED

Dr. Javid

[Signature]

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CONCEPTUAL, BASIC and DETAIL DESIGN
ENGINEERING OF STYRENE PARK OFFSITE

Document Title: General Arrangement Drawing-Active
Carbon Filter for Active Carbon Package



Document No.: EI0127-ENR-VD-ME-DWG-005

Rev. R1

Page 2 of 3

REVISION RECORD SHEET

Page	Revisions							Page	Revisions						
	R0	R1	R2	R3	R4	R5	R6		R0	R1	R2	R3	R4	R5	R6
1	x	x						41							
2	x	x						42							
3	x	x						43							
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DESIGN DATA

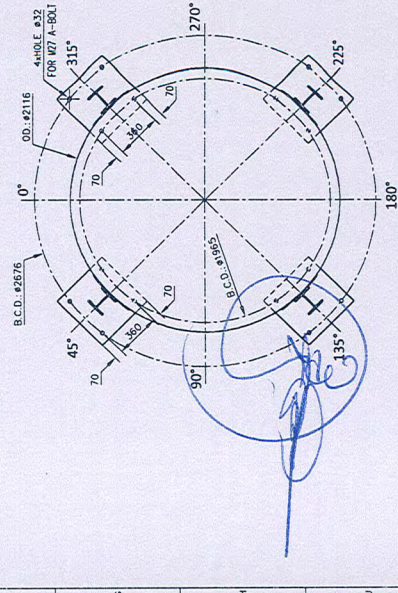
APPLICABLE CODE	ASME, Sec. VIII, Div. 1	DENSITY (Min./Max.)	1.19
WIND CODE	UBC	DESIGN PRESSURE	-0.1/-0.2
WIND DESIGN DATA	SPEED: 125 Km/hr IMP. FACTOR: 1.15	OPERATING PRESSURE	ATM/0.07/0.1
SEISMIC CODE	ASCE/SEI 7-16	VOLUME (Uncor./cor.)	21.16/21.3
SEISMIC DESIGN DATA	SITE CLASS: C SEISMIC ZONE=1 F _a =1.25/R _{2.0} F _s =1.05/F _v =1.1 Z/h=0.0/0.0	HYDROSTATIC TYPE	UG-99b
		HYDRO TEST PRESSURE/POSITION	3.62/3/HORIZONTAL
		M.A.W.P	2.79/3
		J.E (Shell/Head)	0.85/0.85
		R.T (Shell/Head)	SPOT/SPOT
SERVICE	NO. ABUTMENT FROM STYRENE STORAGE TANK EFFLUENT	CORROSION ALLOWANCE	3.0
C LOCATION	OUTDOOR	P.W.H.T	NO
FLUID	Ar+Styrene (3.5 g/Nm ³)	INSULATION/FIRE PROOF	NO / NO
DESIGN TEMP.	85 °C	IMPACT TEST	NO
AMBIENT TEMP (Min./Max)	5/52 °C	PANTING	Acco. To Painting Spec.
WORKING TEMP	33 °C	M.D.M.T (REQU. / Cal)	-5/-48 °C

MATERIAL LIST

SHELL/HEAD	SA-516 70	ANCHOR BOLT	SA-36
FORGED FLANGE/BLIND	SA-105	LIFTING LUG/EARTH LUG	SA-516 70/S.S. 304
PIPE	SA-106 B	NAME PLATE	S.S. 304
FITTING	A234 WPB	INTERNAL WELDED ATTACHMENT	SA-516 70
NOZZLE WELDED NECK	SA-516 70	CORROSION ALLOWANCE	3.0
GASKET	S.W. Type, Graphite filled and imp./water S.S. imp.	P.W.H.T	NO
REINFORCING PAD	SA-516 70	INSULATION/FIRE PROOF	NO/NO
BODY FLANGE	N.A.	IMPACT TEST	NO
STUD BOLT/NUT	SA-193 B7/SA-194 2H	PANTING	Acco. To Painting Spec.

ANCHORAGE ARRANGEMENT

SCALE 1:40



NOZZLES DATA TABLE

ITEM	QTY.	TITLE	SIZE	RATING	FLANGE	SCH/THK	REINFORCING PAD	PROJ./EL.	ORIENTATION
N1	1	Gas Inlet	6"	#150	S.O.	R.F	270/8	150/1350	105° (SHL)
N2	1	Gas Outlet	6"	#150	S.O.	R.F	270/8	150/1350	180° (SHL)
N3	1	Utility Connection	2"	#150	S.O.	R.F	180/-	150/1350	270° (SHL)
N4	1	Drain	3"	#150	S.O.	R.F	180/-	150/1350	0° (BHD)
N5	1	Vent	2"	#150	S.O.	R.F	180/-	150/1350	200° (SHE)
M1	1	Manhole	24"	#150	S.O.	R.F	1000/8	250/1950	0° (SHE)
M2	1	Manhole	24"	#150	S.O.	R.F	1000/8	AS DWG	0° (THD)

ALLOWABLE NOZZLE LOADS

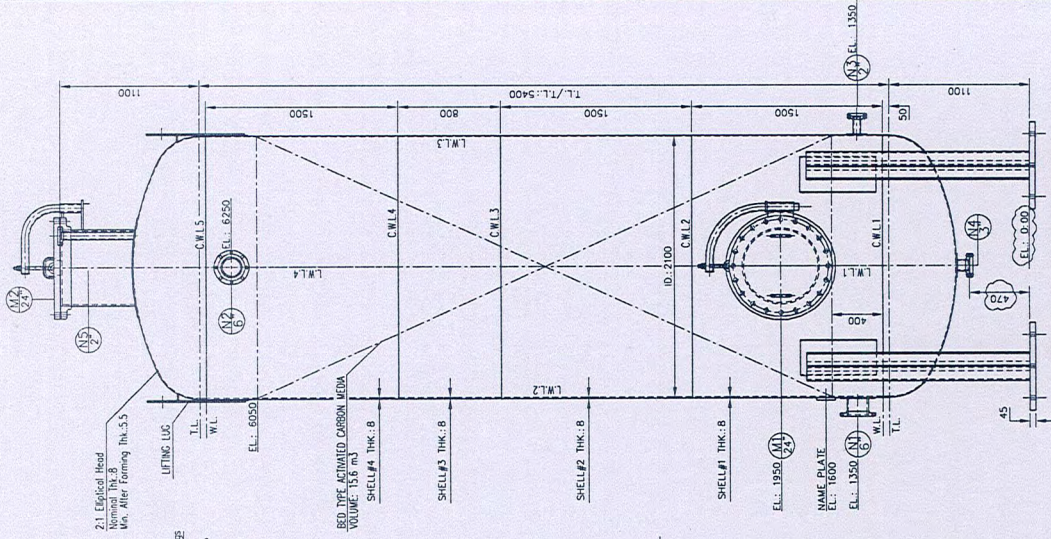
NAME	SIZE	F _x	F _y	F _z	M _x	M _y	M _z	FABRICATED
N3/N5	2"	64.8	-51.8	64.8	11.0	17.5	13.9	EMPTY
M4	3"	95.4	-76.2	95.4	23.6	38.3	30.2	OPERATING
N1/N2	6"	180.7	-144.4	180.7	84.4	136.2	106.9	FIELD TEST

UN-FACTORED FOUNDATION LOADS ON TOP OF ALL LEGS

WIND SEAR LOAD (kgf)	2353.0	SEISMIC SEAR LOAD (kgf)	7907.0
WIND MOMENT LOAD (kg-m)	6459.0	SEISMIC MOMENT LOAD (kg-m)	27082.0

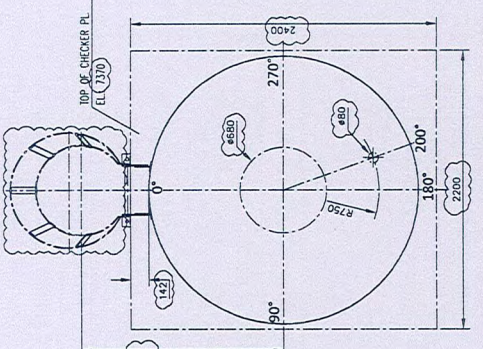
GENERAL FRONT VIEW

SCALE 1:40



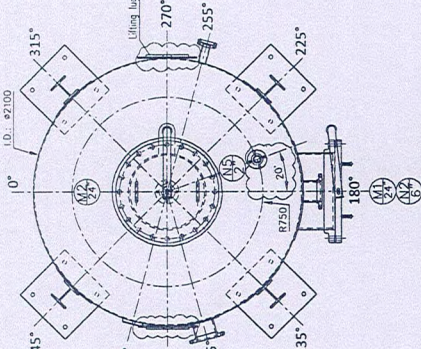
LADDER & PLATFORM LOCATION

SCALE 1:40



NOZZLE ORIENTATION

SCALE 1:40



WEIGHTS (kgf)

FABRICATED	4873.0
EMPTY	13159.4
OPERATING	13184.7
FIELD TEST	26261.8

REV	DWG NO.	REFERENCE DRAWING
R1	ED127-ENR-VD-PRD-003	Equipment Data Sheet-Active Carbon Filter
R1	ED127-ENR-VD-ME-DSH-001	Strength Calculation-Active Carbon Filter
R0	ED127-ENR-VD-PDWG-001	GAD For Package

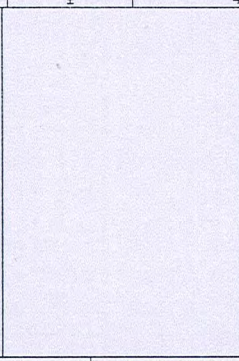
LEGENDS

SYMBOL	DESCRIPTION
1	ELUTION
2	INTERNAL DAMPER
3	WELD LINE
4	POST WELD HEAT TREATMENT
5	CONSTRUCTION WELD LINE
6	WELD LINE
7	POST WELD HEAT TREATMENT
8	CONSTRUCTION WELD LINE
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43	POST WELD HEAT TREATMENT
44	CONSTRUCTION WELD LINE
45	WELD LINE
46	POST WELD HEAT TREATMENT
47	CONSTRUCTION WELD LINE
48	WELD LINE
49	POST WELD HEAT TREATMENT
50	CONSTRUCTION WELD LINE

NOTES

- 1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.
- 2- ALL SURFACES SHALL BE FINISHED TO A MAXIMUM OF 0.05 mm.
- 3- ALL SURFACES SHALL BE FINISHED TO A MAXIMUM OF 0.05 mm.
- 4- FLANGE SURFACE FINISH SHALL BE ACCORDING TO EN 10255.
- 5- HYDROSTATIC TEST PRESSURE SHALL BE ACCORDING TO EN 10255.
- 6- ALL DIMENSIONS SHALL BE ACCORDING TO EN 10255.
- 7- BOTTOM OF WELDING JOINTS SHALL BE FINISHED TO A MAXIMUM OF 0.05 mm.
- 8- ALL PROJECTIONS OF THE NOZZLES ON THE SHELL ARE MEASURED FROM THE TO THE LIFTING LUG T.L. (4 ALL).
- 9- ALL PROJECTIONS OF THE NOZZLES ON THE SHELL ARE MEASURED FROM THE TO THE LIFTING LUG T.L. (4 ALL).
- 10- ALL PROJECTIONS OF THE NOZZLES ON THE SHELL ARE MEASURED FROM THE TO THE LIFTING LUG T.L. (4 ALL).
- 11- ALL PROJECTIONS OF THE NOZZLES ON THE SHELL ARE MEASURED FROM THE TO THE LIFTING LUG T.L. (4 ALL).
- 12- THE REPORTED M.A.W.P. BELONGS TO THE VESSEL'S BODY.
- 13- FINISHING IS CONDUCTED AS PER THE "TEST PROCEDURE" DOC. MAINTAINED IN THE ALUMINUM NOZZLE LUGS ARE ATTACHED TO THE NOZZLE WITH THE VESSEL.
- 14- ALL REINFORCEMENT SHALL HAVE ONE END MADE OF BARS IN BENDERS. THE PAIR SHALL BE FIELD WITH 90° BENDS. AFTER 90° BEND.

KEY PLAN



CLIENT:



CONSULTING ENGINEER:



PROJECT:

DRAWING TITLE:

General Arrangement Drawing-Active Carbon Filter

DRAWING NO.

REV/DATE

SCALE

SHEET

3 of 3

  BINA EPC Contractor Co. (Executor of Oil, Gas, Petrochemical & Power Industries)	Toase-che Park Sanati Gohar Ofogh Petrochemical Co. CONCEPTUAL, BASIC and DETAIL DESIGN ENGINEERING OF STYRENE PARK OFFSITE		 	
	Document Title: Equipment Data Sheet-Active Carbon Filter		Rev.: R0	Page 1 of 4
	Document No. : EI0127-HRC-VD-ME-DSH-001-R0			

STYRENE PARK OFFSITE

Document Title:

Equipment Data Sheet-Active Carbon Filter




R0	20/02/2024	Issued for Comment	M.Tavakoli	E.Malek	H.Keshmiri
Rev.	Issued Date	DESCRIPTION	PREPARED	CHECKED	APPROVED

	Toase-ehe Park Sanati Gohar Ofogh Petrochemical Co.		
	CONCEPTUAL, BASIC and DETAIL DESIGN ENGINEERING OF STYRENE PARK OFFSITE		
	Document Title: Equipment Data Sheet-Active Carbon Filter		
Document No. : EI0127-HRC-VD-ME-DSH-001-R0		Rev.: R0	Page 2 of 4

Page	Revisions						
	R0	R1	R2	R3	R4	R5	R6
1	X						
2	X						
3	X						
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Handwritten signature and stamp.

		Toase-eh Park Sanati Gohar Ofogh Petrochemical Co. CONCEPTUAL, BASIC and DETAIL DESIGN ENGINEERING OF STYRENE PARK OFFSITE			
		Document Title: Equipment Data Sheet-Active Carbon Filter		Rev: R0	
		Document No. : EI0127-HRC-VD-ME-DSH-001-R0		Page 3 of 4	
General					
1	Items	QTY	Active Carbon Filter	2	
2	Tags	PK0001-F1 , PK0002-F1			
3	Service	VOC abatement from styrene storage tank effluent			
Process Data					
Item	Description	Unit	Value	Rev.	
4	Max. Ambient Design Temperature.	°C	85		
5	Expected Extreme Temperature	°C	52		
6	Min. Ambient Temperature	°C	5		
7	Max. Relative Humidity	%	80		
8	Min. Relative Humidity	%	65		
Process Data					
Item	Description	Operating/Design	To be revised according to the project PFD	Value	Rev.
9	Type of Fluid	Noted	Noted	ne (3.5 g/Nm3)	
10	Flow Rate (Nor/Max)	Meeting Conclusion: Noted,Closed	Meeting Conclusion: Noted,Closed	188 (Note 1)	
11	Working Temperature (Min/Max)			5 / 52	
12	Working Pressure	Normal,max operating and max at up-set condition shall be reported	barg	max 0.07	
13	Design Temperature	Noted	°C	85	
14	Design Pressure	To be revised based on the "Process Duty Specification For Activated Carbon Package" document		-0.1 ~ 0.2	
15	Viscosity (Min./Max)			0.018 / 0.020	
16	Density (Min./Max)			1.107 / 1.295	
17	Styrene Inlet concentration			3.5 g/Nm3	
18	Styrene Outlet concentration			< 50 mg/Nm3	
19	Dirty / Clean pressure drop			0.03 / 0.02	
19	Insulation	Meeting Conclusion: Noted,Closed		No	
Mechanical Data					
Item	Description	Unit	Value	Rev.	
20	Shell Inside Diameter	mm	2100		
21	Shell Length (T.L. / T.L.)	mm	5300		
22	Thickness (SHELL / HEAD)	mm	8 / 4.8 Min. A.F.		
23	Corrosion allowance	mm	3.0		
24	Radiography (SHELL / HEAD)		85 / 85		
25	MDMT (Required)		-5		
26	Hydrostatic Test Pressure	barg	Hold		
27	PWHT	-	No		
28	Impact test	-	No		
31	Activated Carbon Bed Height	m	4.5		
32	Painting		Acco. To Painting Spec.		
33	Empty Weight	Kg	~ 4800		
34	Operating Weight	Kg	~ 12350		



 BINA EPC Contractor Co. (Licensee of Oil, Gas, Petrochemical & Power Industries)	Toase-eh Park Sanati Gohar Ofogh Petrochemical Co. CONCEPTUAL, BASIC and DETAIL DESIGN ENGINEERING OF STYRENE PARK OFFSITE Document Title: Equipment Data Sheet-Active Carbon Filter Document No. : EI0127-HRC-VD-ME-DSH-001-R0	
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Material			
Item	Description	Value	Rev.
1	Shell & Head	SA 516 Gr.70	
2	Fittings	SA 234 GR. WPB	
3	Reinforcing Pad	SA 516 Gr.70	
4	Leg	SA 36	
5	Nozzle Neck	SA 106 Gr. B	
6	Forgings (including Flanges, etc)	SA 105	
7	Gasket	Spiral Wound (S.S.304/ Graphite)	
8	Media	Activated Carbon	
9	Removable / Welded Internals	SS304 / CS	
10	Stud Bolt & Nut (External)	SA 193 Gr.B7 & SA 194 Gr.2H	
11	Stud Bolt & Nut (Internal)	SA 193 Gr.B8 & SA 194 Gr.8	

Media			
Item	Description	Value	Rev.
12	Type	Bed	
13	Material	Activated Carbon (Note 2)	
14	Shape Type / Dimension	Extrude / 5 mm dia.	
15	Media bulk density	450 kg/m3	
16	Bed Volume	15.6 m3	
17	Media Replacing Time	One year	

Nozzels								
Item	Description	QTY	Size	Type	Rating	Face	SCH	Rev.
18	Vent	1	2"	S.O.	150	R.F.	Hold	
19	Drain	1	3"	S.O.	150	R.F.	Hold	
20	Gas inlet	1	6"	S.O.	150	R.F.	Hold	
21	Gas outlet	1	6"	S.O.	150	R.F.	Hold	
22	Utility Connection	1	2"	S.O.	150	R.F.	Hold	
23	MW	2	24"	S.O.	150	R.F.	Hold	

Accessories		
Item	Description	Rev.
24	☒ Nameplate	
25	☒ Lifting Lug	
26	☒ Earth Lug	
27	☒ Ladder and Platform	
28	☒ Internals (Inlet distributor, bed supports)	
29	☒ Davit for manhole	

Notes
1- Feed stream is intermittent at loading time of upstream styrene storage tank. 2- Non-regenerable Carbon Active 

  BINA EPC Contractor Co. (Executor of Oil, Gas, Petrochemical & Power Industries)	Toase-che Park Sanati Gohar Ofogh Petrochemical Co. CONCEPTUAL, BASIC and DETAIL DESIGN ENGINEERING OF STYRENE PARK OFFSITE		 	
	Document Title: P&ID		Rev.: R0	Page 1 of 6
	Document No. : EI0127-HRC-VD-PR-PID-003-R0			

STYRENE PARK OFFSITE

Document Title:

P&ID

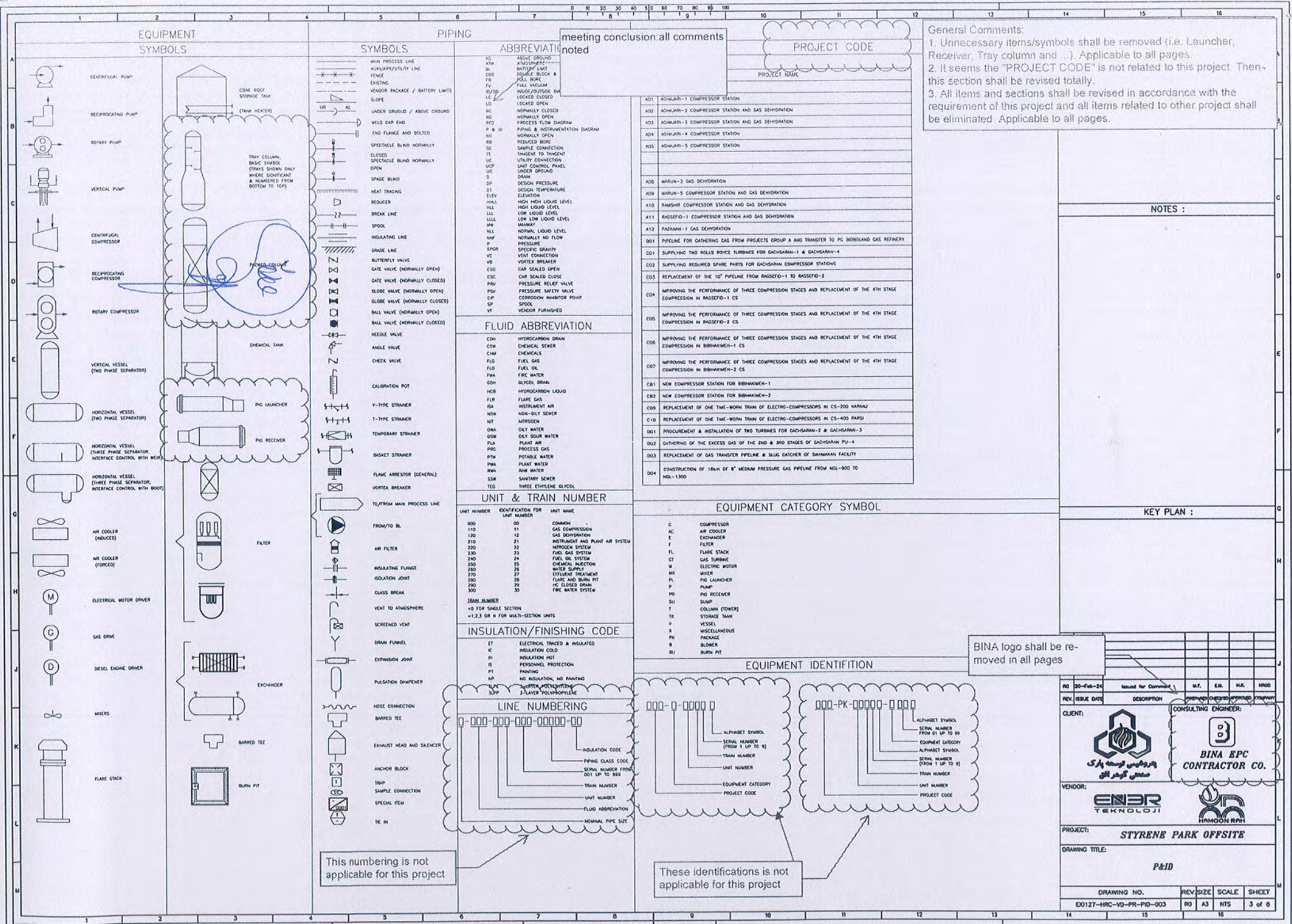


R0	20/02/2024	Issued for Comment	M.Tavakoli	E.Malek	H.Keshmiri
Rev.	Issued Date	DESCRIPTION	PREPARED	CHECKED	APPROVED

 BINA EPC Contractor Co. (Executor of Oil, Gas, Petrochemical & Power Industries)	Toase-eh Park Sanati Gohar Ofogh Petrochemical Co. CONCEPTUAL, BASIC and DETAIL DESIGN ENGINEERING OF STYRENE PARK OFFSITE		
	Document Title: P&ID		
	Document No. : EI0127-HRC-VD-PR-PID-003-R0	Rev.: R0 Page 2 of 6	

Page	Revisions						
	R0	R1	R2	R3	R4	R5	R6
1	X						
2	X						
3	X						
4	X						
5	X						
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Page	Revisions						
	R0	R1	R2	R3	R4	R5	R6
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General Comments:
1. Unnecessary items/symbols shall be removed (i.e. Launcher, Receiver, Tray column and ...). Applicable to all pages.
2. It seems the "PROJECT CODE" is not related to this project. Then this section shall be revised totally.
3. All items and sections shall be revised in accordance with the requirement of this project and all items related to other project shall be eliminated. Applicable to all pages.

NOTES :

KEY PLAN :

BINA logo shall be removed in all pages

This numbering is not applicable for this project

These identifications is not applicable for this project

NO	20-Feb-24	Issued for Comment	M.S.	E.S.	H.K.	HRSD
REV.	ISSUE DATE	DESCRIPTION	CONSULTING ENGINEER:			
CLIENT:		BINA EPC CONTRACTOR CO.				
VENOR:		ENBR TEKNOLOJI				
PROJECT:		STYRENE PARK OFFSITE				
DRAWING TITLE:		P&ID				
DRAWING NO.		REV	SIZE	SCALE	SHEET	
D0127-HRC-YD-PR-PID-003		R0	A3	NTS	3 of 6	

There is discrepancy between this design pressure and the reported value in the "Process Duty Specification For Activated Carbon Package" document. Kindly check and revise Considering the intermittent nature of the process and the change of ambient temperature, it is recommended to maintain these values for the design pressure.

Meeting Conclusion: Noted,Closed

Rated capacity shall be added
Noted

Meeting Conclusion:
Noted,Closed

The "P&ID For Styrene Storage Tank" shall be added
Noted

Meeting Conclusion: Noted,Closed

PK-0001-F1
AIR CARBON FILTER
TYPE : ACTIVATED CARBON
ID x TT : 2100 x 5300 mm
DP INT/EXT : 0.2 barg / -0.1 barg
DT : 85.0 °C
INSULATION : No
MATERIAL : CS

PK-0001-F2
AIR AFTER FILTER
TYPE : CARTRIDGE
ID x TT : 441 x 1500 mm
DP INT/EXT : 0.2 barg / -0.1 barg
DT : 85.0 °C
INSULATION : No
MATERIAL : CS

General Comments:

1. For all valves, size and pressure class shall be indicated.

Noted

2. All numbering shall be in accordance with represented numbering procedure indicated in symbol & legend section.

Noted

3. All comments applicable to the next page.

Noted

Meeting Conclusion: Noted,Closed

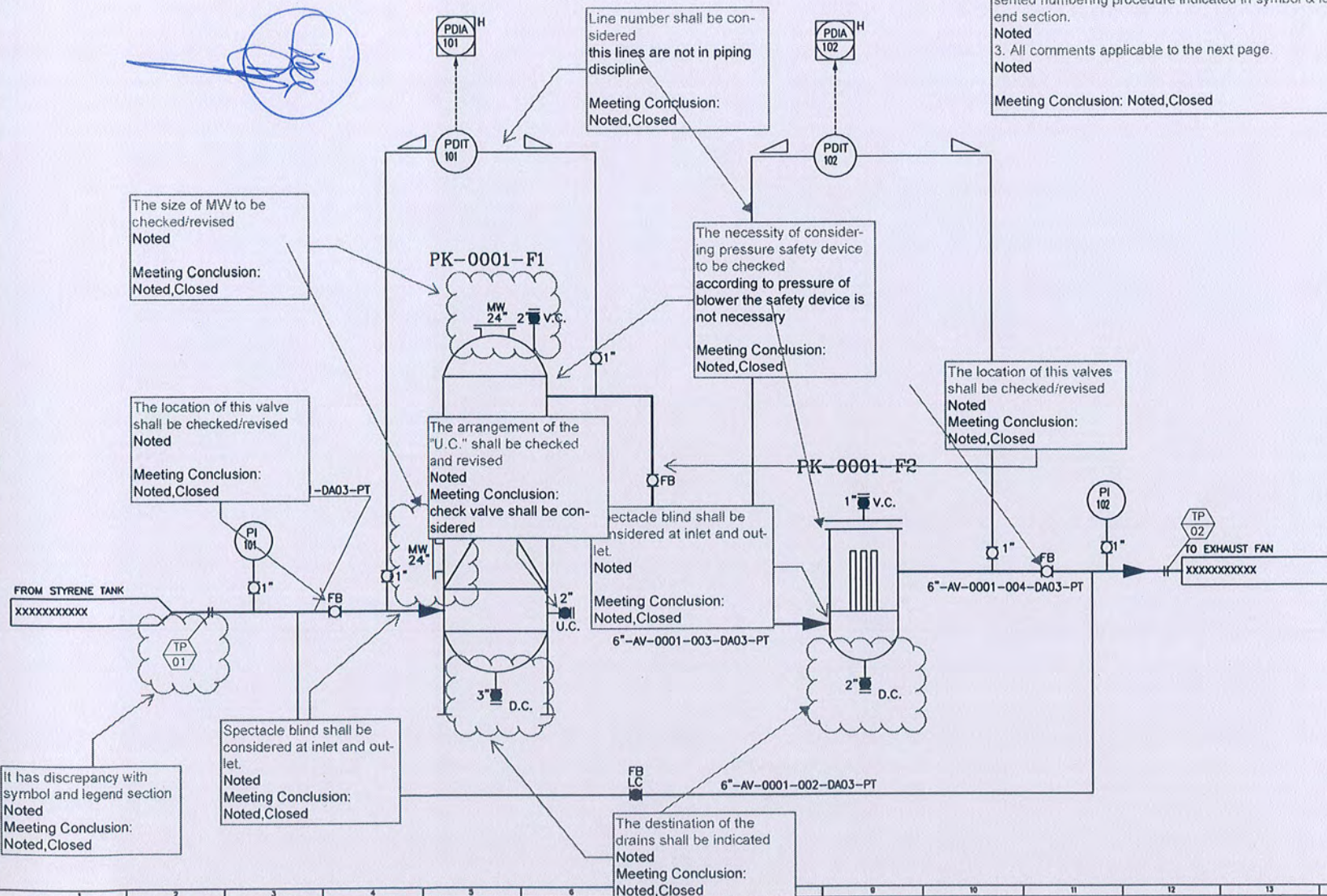
REFERENCE DRAWING	DWG NO.	REV
PFD	ED127-HRC-YD-PR-PID-002	RO

LEGENDS :

NOTES :

1. The package is skid mounted

KEY PLAN :

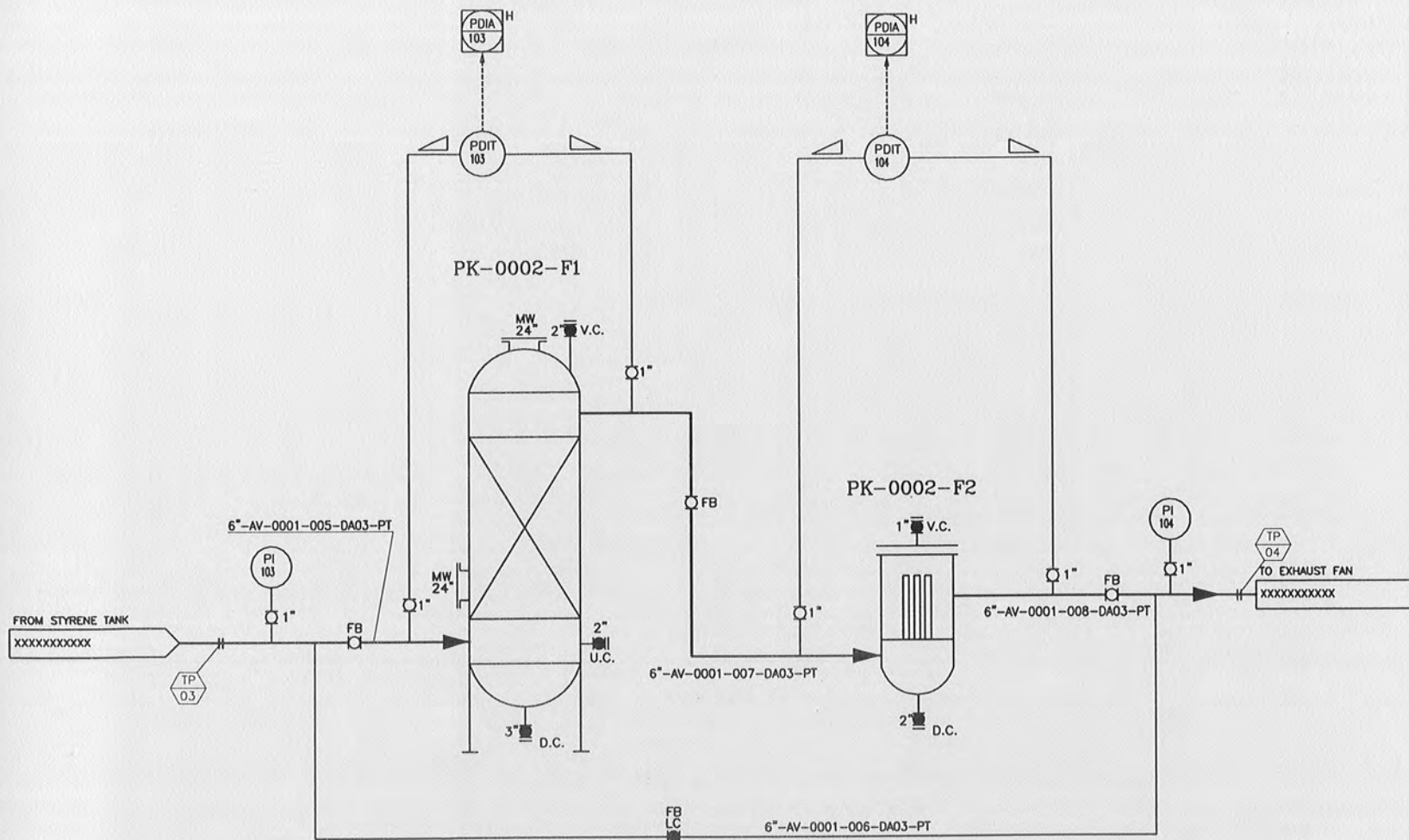


PK-0002-F1
AIR CARBON FILTER

TYPE : ACTIVATED CARBON
ID x TT : 2100 x 5300 mm
DP INT/EXT : 0.2 barg / -0.1 barg
OT : 85.0 °C
INSULATION : No
MATERIAL : CS

PK-0002-F2
AIR AFTER FILTER

TYPE : CARTRIDGE
ID x TT : 441 x 1500 mm
DP INT/EXT : 0.2 barg / -0.1 barg
OT : 85.0 °C
INSULATION : No
MATERIAL : CS



REFERENCE DRAWING		DWG NO.		REV
PFD		00127-HRC-YD-PR-PFD-002		RO
LEGENDS :				
NOTES :				
1. The package is skid mounted				
KEY PLAN :				