



**SADAF ESR PLANT
(BANDAR ASSALOUYEH)**



Data Sheet
For
HOOD X-1614/2614/3614/4614

Owner Doc No.: ESRB-ME-DAS-X-1614

Contractor Doc. No.:

N-275-000-ME-DS-0170-1614

Rev.: 1

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**DATA SHEET
FOR
HOOD X-1614/2614/3614/4614**

1	21.Dec.2021	Issued For Approval	3	M.S.	M.F.	M.F.
0	07.Dec.2021	Issued For Approval	3	M.S.	M.F.	M.F.
Rev.	Date	Status	Pages	Prepared	Checked	Approved



SADAF ESBR PLANT (BANDAR ASSALOUYEH)



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1	Tag No.	X-1614/2614/3614/4614	Ref. No.:	Rev
2	Service:	HOOD for Dust evacuation over the Shaker Screen	Nozzle List	
3	Position:	Under shelter	Tag	Remarks
4	Design Code:	Manufacturer Standard	Designation	
5	QTY.	4	Size	
6	Operating Pressure: Barg	0	Type	
7	Operating Temperature: °C	100	Flange Rating	
8	Design Pressure: Barg	0.1	Face	
9	Design Temperature: °C	115		
10	MDMT:			
11	Earthquake Zone / Soil / I	Zone 2 / Sc / 1.25		
12	Lethality/Flammability/Toxicity:	Toxic		
13	PWHT:	No		
14	Corrosion Allowance	0		
15	Joint Efficiency Head / Shell	0.7		
16	Painting:	See ESBR-PI-JSD-0004		
17	Insulation Type/Thk.:	No		
18	Fire Proofing:	Yes		
19	Dimension:	See next page(Note-1)	REFERENCED DOCUMENTS	
20	Plate Thickness	Min. 5mm (Note-2)	Process Special Item Data Sheet	3678-VH-FP-1001
21			P&ID For Coagulation & Conversion	
22			Vats	ESBR-PR-PID-1601
23			Shaker screen SD-1601 / 2601 / 3601 /	
24			4601	3678-VP-FP-1611 Rev.1
25	MATERIAL		WEIGHT (KG)	
26	Body	SA240 SS304	FABRICATED	
27	Nozzle Flange/Blind	SA182 F304	OPERATING	
28	Nozzle Neck:	SA312 TP304	TEST	
29	Support Leg	AISI 304		
30	Support Leg base plate	SA240 SS304	LOADING DATA @ BASE	
31	Anchor Bolt	F1551 Gr.36	Wind	Shear (Kgf)
32				Moment (Kgf-m)
33			Earthquake	Shear (Kgf)
34				Moment (Kgf-m)

GENERAL NOTES

- 1) All dimensions shown in page 3 are preliminary and for weight estimation and final price to close purchase order
Final dimensions will be specified after purchasing of relevant Vibrator Conveyers X-1601~4601 and final dimension shall not be affected on contract prices
- 2) Plate thickness and angle support size shall be defined by vendor based on stability calculation
- 3) For Covering the side of Conveyers some polyethylene Strips (Supplied by Client if required during operation) may be installed on the edges of hood thus suitable railing for the polyethylene strips shall be considered by vendor(Please see Special Item data sheet Doc. no.3678-VH-FP-1001)
- 4) Hood support may be from top or floor which will be finalized after purchasing of relevant Vibrator Conveyers X-1601~4601 and final type and dimension shall not be affected on contract prices



SADAF ESRB PLANT (BANDAR ASSALOUYEH)



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HOOD SKETCH

