



**SADAF ESBR PLANT
(BANDAR ASSALOUYEH)**



Data Sheet
For
HOOD X-1801

Owner Doc No.: ESBR-ME-DAS-X-1801

Contractor Doc. No.:

N-275-000-ME-DS-0170-1801

Rev.: 2

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**DATA SHEET
FOR
HOOD X-1801**

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2	22.Feb.2023	Issued For Approval	3	M.S.	M.F.	M.F.
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1	Tag No.	X-1801	Ref. No.:	Rev
2	Service:	HOOD for Dust evacuation over the Shaker Screen	Nozzle List	
3	Position:	Without Roof	Tag	Remarks
4	Design Code:	Manufacturer Standard	Designation	Size
5	QTY.	1	N1	Discharge
6	Operating Pressure:	Barg	0	6"
7	Operating Temperature:	°C	100	S.O.
8	Design Pressure:	Barg	0.1	150
9	Design Temperature:	°C	115	R.F.
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 Slurry Vibrex and Recycle Water Tank	ESBR-PR-PID-1808
22				
23			Shaker screen SD-1801	3678-VP-FP-1811 Rev.1
24				
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 Conveyor X-1801 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 shall be supported from floor but during detail stage it may be supported from top which will be finalized after purchasing of relevant Vibrator Conveyor X-1801 and final type and dimension shall not be affected on contract prices

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HOOD SKETCH

