



Toase-eh Park Sanati Gohar Ofogh
Petrochemical Co.
**CONCEPTUAL, BASIC and DETAIL DESIGN
ENGINEERING OF STYRENE PARK OFFSITE**



Document Title: Oil Heater Data Sheet and Drawing

Document No.: EI027-HSE-VD – ME– DWG– 003- R1

Rev. R1

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STYRENE PARK OFFSITE

Document Title:
Oil Heater Data Sheet and Drawing

Rev.	Issued Date	DESCRIPTION	PREPARED	CHECKED	APPROVED
R1	21-07-2025	FI	F.sh	M.O	A.M
R0	20-07-2024	IFA	F.sh	M.O	A.M



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REVISION RECORD SHEET

Page 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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Quantity:	2
Subject:	Screw connection heater
Heater Item:	30 - OIL HEATER
Power:	2 kW
N° stages:	1 of 2 kW
Voltage:	400V / 3 Ph
Electric connection:	Star
Screw connection:	1½" NPT
Flange material:	St.St. 304
Heating elements:	Active: 3
	Spare: 0
	Sheath Material: SA 249 TP304L
	Diameter: 8,5 mm
	Neutral: 120 mm
Immersed length:	Heating: 600 mm
	Total: 720 mm
Watt density:	2,08 W/cm ²
Heater terminal box:	Exd IIB T3 IP 65 Carbon Steel ATEX II2G
Included components:	N: 1 Aut. TG Range 0 - 120 SET 45°C - N: 1 RM-TG SET 120°C
Cable input:	N: 1 Cable entry Carbon Steel NPT ¾ (Power) - N: 1 Cable entry Carbon Steel NPT ½ " (Sensors)
Unit weight:	kg 10,00

