



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



**Work Beakdown Structure for Ru0001A / B-D-02**

**Document No.: EI027-ASP-VD-ME-SCH-016**

**Rev.: 00**

**Status: IFA**

**Class: 1**

Page 1 of 5 .

**STYRENE PARK OFFSITE**

**Work Beakdown Structure for Ru0001A / B-D-02**

Rev.	Issue Date	Purpose of Issue	Prepared	Checked	Approved	Contractor's Approval	PEDEC Approval
00	15-April-2025	IFA	F.M	M.Y	S.Dr		
			Vendor				





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Page 3 of 5

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WBS Code	Description	Total Weight Factor	Level Weight Factor	Weight Factor Sub-Level							
				Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	
1	Contract Title	100%	100.00%	100%							
1.2	Vessels 1&2	100.00%	5.00%		5%						
1.2.1	Engineering	5.00%	5.00%			5.00%					
1.2.1.1	Engineering & Designing	5.00%	100.00%				100.00%				
1.2.2	Supply of Raw Material	30.00%	30.00%			30.00%					
1.2.2.1	Plate & U-Bult	12.00%	40.00%				40.00%				
1.2.2.2	Paint Material	18.00%	60.00%				60.00%				
1.2.3	CONSTRUCTION	42.00%	42.00%			42.00%					
1.2.3.1	Mechanical	27.00%	65.00%				27.00%				
1.2.3.1.1	Elliptical Head 1 & 2	9.33%	40.00%					40.00%			
1.2.3.1.1.1	Cutting	1.47%	16.00%						16.00%		
1.2.3.1.1.2	Grinding	0.98%	10.00%						10.00%		
1.2.3.1.1.3	Beveling	0.98%	10.00%						10.00%		
1.2.3.1.1.4	Fitup	0.98%	10.00%						10.00%		
1.2.3.1.1.5	Head manufacturing	4.91%	54.00%						54.00%		
1.2.3.1.2	Shell	7.85%	17.00%					17.00%			
1.2.3.1.2.1	Shell Plate Course1	3.93%	50.00%						50.00%		
1.2.3.1.2.1.1	Cutting	0.49%	12.50%							12.50%	
1.2.3.1.2.1.2	Grinding	0.49%	12.50%							12.50%	
1.2.3.1.2.1.3	Beveling	0.49%	12.50%							12.50%	
1.2.3.1.2.1.4	Rolling	1.47%	37.50%							37.50%	
1.2.3.1.2.1.5	Welding	0.98%	25.00%							25.00%	
1.2.3.1.2.2	Shell Plate Course2	3.93%	50.00%						50.00%		





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				Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
1.2.3.1.3.5.4	Welding	1.47%	43.00%						43.00%	
1.2.3.2	Painting	15.00%	15.00%				15.00%			
1.2.3.2.1	External Painting	15.00%	35.00%					35.00%		
1.2.3.2.1.1	Blasting	3.75%	25.00%						25.00%	
1.2.3.2.1.2	Painting	11.25%	75.00%						75.00%	
1.2.4	PRE COMMISSIONING & COMMISSIONING	18.00%	18.00%			18.00%				
1.2.4.1	Pre Commissioning	12.00%	12.00%				66.00%			
1.2.4.1.1	Hydrostatic test	4.00%	34.00%					34.00%		
1.2.4.1.2	N2 Filling Procedure	8.00%	66.00%					66.00%		
1.2.4.2	COMMISSIONING	6.00%	6.00%				34.00%			
1.2.4.2.1	Tank Delivery to client	6.00%	100.00%					100.00%		
1.2.5	Final Data Book	5.00%	5.00%			5.00%				
1.2.5.1	Final Data Book	5.00%	100.00%				100.00%			