



Salalah Methanol Project



PROJECT PROFILE

Project

Salalah Methanol Plant

Location

Salalah, Sultanate of Oman

Owner

Salalah Methanol Company

EPC Contractor

GS Engineering & Construction

Civil & Mechanical Construction Contractor

Bahwan Engineering Company

Project Configuration

Process Area
Methanol Plant : 3000 ton /day

Contractual Scope (Civil)

Excavation : 56026 M³
Concreting : 16600 M³
Asphalt : 2500 M²
Fire Proofing Equipment : 1046 M²
Fire proofing Structure : 34893 M²

Mechanical (Structure Steel)

Pipe Racks : 3760 Ton
Equipment structure : 510 Ton
Piping Support (Fabrication & Erection) : 270 Ton

Piping Fabrication and Erection (Above ground)

Carbon Steel : 168568 Inch Dia
Stainless Steel : 51946 Inch Dia
Alloy steel (P22, P91, GR.11) : 15314 Inch Dia
Incoly piping : 1556 Inch Dia

Under ground

Carbon Steel : 17450 Inch Dia
GRE : 7842 Inch Dia

Equipment Installation

Reformer : 4439 Ton, Refractory: 1420 Ton
Equipment Erection : 165 nos, 6611 Ton

Painting

Pipe & structure : 30000 M²

Project Highlights - Process Area

Civil Foundation –storage tanks, pipe racks, equipments Reformer 768 nos tubes, Heavy Ends Column: 60 Mtr (Tallest Equipment, weight 470 Ton), Methanol Converter: 493 Ton (Heaviest Equipment, height 20 M), Equipment internals of columns & drums, Syngas compressor condensing unit, Syngas Compressor, Lube oil unit, Pumps - 42 nos, Air coolers- 60 nos, Pipe fabrication and erection (0.5" - 52", Thk 3.91 - 36.4 mm).



Process Area – View from Reformer



Process Area – View from Knockout Drum



Methanol Storage Tank



Reformer – Makeup Gas Boilers and Steam Drum



Methanol Converter



Air Coolers on Pipe Racks



Effluent Treatment Plant



Process Storage Tanks



Storm Water and Fire Water Sump



Heavy Ends Column & Piperack



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