



**OPTIMUM ENGINEERING SERVICES**  
**DISTILLERY / CHEMICAL PLANTS PROJECTS LIST**

<b>S. No.</b>	<b>Client</b>	<b>Description</b>
1	JDW Sugar Mill Limited	Detailed Engineering Services For Distillery Plant Having Capacity Of 200,000 Liters/Day ENA With Waste Water Treatment Plant (ETP) At Deharki Sugar Mills.
2	Sindh Nooriabad Power Company (Pvt.) Ltd.	Design & preparation of Drawings, Specifications & BOQ for Old Water Reservoir at SNPC Plant Site.
3	Futehally Chemicals (Pvt.) Ltd. (Unilever Pakistan)	Detailed Engineering Services for Installation Of FW Hydrant and Sprinklers at New Tower Area, Futehally Chemicals Plant.
4	Pakarab Fertilizers Ltd. / Fatima Fertilizer Co. Ltd.	Design Vetting & Analysis of NP Melt Evaporator's existing Steel & Civil Structure for placement of new Exchanger.
5	PakArab Engineering (Pvt.) Limited.	Rigging Study for lifting of CN Buffer Tank for placement at foundation at Pakarab Fertilizers Plant at Khanewal Road, Multan.
6	Pakarab Fertilizers Ltd. / Fatima Fertilizer Co. Ltd.	Design and preparation of detailed fabrication drawings for Lime Settling Tank (17-2029) at Pakarab Fertilizers Plant at Khanewal Road, Multan.
7	Pakarab Fertilizers Ltd. / Fatima Fertilizer Co. Ltd.	Design and preparation of detailed fabrication drawings for Wash Acid Tank (940-2093) including Foundation, at Pakarab Fertilizers Plant at Khanewal Road, Multan.
8	PakArab Engineering (Pvt.) Limited.	Design and Preparation of Detailed Fabrication Drawings for CN and NP Buffer Tanks for Pak Arab Fertilizers Ltd., Multan.
9	Kasapreko Company Ltd.	Detailed Engineering Services for 150,000 Ltrs/Day Rectification Plant, ENA at Tema Port, Ghana.
10	Lotte Chemical Pakistan Ltd.	Design of Steel Structure Shed over Lab. Building Roof for installation of HVAC chiller.
11	Noon Sugar Mills Ltd.	Design of 43 m Dia. X 12.5 m Height Molasses Storage Tank (Capacity 25000 M. Ton)
12	HubPak Salt Refinery	Design & Consultancy Services for BPT Project at Port Qasim for supply of Brine Solution to M/s. Engro Chemical & Polymer Ltd.
13	Lotte Chemical Pakistan Ltd.	Design engineering services for the flexibility analysis of provided piping system and recommend alternate solution for the replacement of installed flexible hoses.
14	Siddiqsons Limited.	Structural Design Evaluation of Existing ETP Tanks, Structural Strengthening of ETP Tanks for future extension and Design of Structural Modifications & facilities proposed for the Effluent Treatment Plant.
15	RYK Mills Limited.	Detailed Engineering Services for 125,000 Ltrs/day Distillery Plant at Rahim Yar Khan.
16	Lotte Chemical Pakistan Ltd.	Fire Risk Assessment and Hydrant Study for Anaerobic Reactor.



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17	Saba Power Company Ltd.	Structural Analysis of Main Boiler Stack at Saba Power Plant - Farooqabad.
18	Lotte Chemical Pakistan Ltd.	Flexibility Analysis of Reactor (D1-301) Drain Line.
19	BASF Pakistan (Pvt.) Limited	Installation of AFA Agitator on Reactor R-207
20	Lotte Chemical Pakistan Ltd.	Design Vetting of Filter Housing Fil1
21	Archroma Pakistan Ltd.	Consultancy for De-bottlenecking of Binder Plant at Landhi Site.
22	Archroma Pakistan Ltd.	Consultancy for unsaturated Polyester Resin Plant at Landhi Site.
23	Noon Sugar Mills Ltd.	Reinforcement of Distillery Steel Structure to Support New Water Tanks
24	Archroma Pakistan Ltd.	Design of Shed over Scientific Center Roof.
25	Gum Corporation.	Design and Detailed Engineering Services for Glycerin Distillation Plant Project.
26	Noon Sugar Mills Ltd.	Structural Design Calculations & Preparation of Drawings for Foundation of 34m dia. x 13.5m Ht. Biogas Digester Tank.
27	Asia Engineers	Mechanical Design and preparation of detailed fabrication drawings for the 52 MT & 42 MT Kettles (Kettles # 4 & 2) for M/s. P&G.
28	Ramzan Sugar Mills Ltd. (Sharif Group)	Detailed Engineering for 125,000 Ltrs/day Ethanol Plant at Jhang-Chiniot Road.
29	Engro Polymer & Chemicals Ltd.	Design, preparation of Architectural, Structural Drawings & BOQ for Analyzer Room.
30	Unicol Ltd.	Design of Ethanol Loading Gantry & Associated Piping Works.
31	Lotte Chemical Pakistan Ltd.	Design of Foundation for Exchanger E1-725.
32	Aqua Zone Water Technology.	Engineering Services for Water Treatment Plant.
33	Technomen Kinetics Pvt. Ltd,	Design of Transformer Foundation & Fire wall as per NFPA 850, for Sindh Nooriabad Power Company (Pvt.) Ltd.
34	HubPak Salt Refinery	Design of Tanks, Silo, Steel Structure and Civil Works for BPS Expansion Project.
35	Unicol Ltd.	Design Of Fire Fighting System For Fuel Ethanol Plant At Mirpurkhas.
36	Technomen Kinetics Pvt. Ltd,	Following jobs for a 100 MW Power Plant at Nooriabad: Design and Detailed Engineering of Miscellaneous Tanks &



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<b>S. No.</b>	<b>Client</b>	<b>Description</b>
		Foundations; Design of 100m x 25m x 4 m Underground RCC Water Storage Tank; Checking of Foundation Design of Pre-Engineered Building as per New Location.
37	Industrial Development & Engineering Associates (IDEA)	Design Vetting Of Fire Monitor Tower Structure at Engro LNG Terminal.
38	Gulf Heavy Industries Co., Saudi Arabia.	Basic Design & Preparation of MTO For Bladder Vessel Surge Protection System for The Umm Wu'al Phosphate Project.
39	Gulf Heavy Industries Co., Saudi Arabia.	Basic Design & Preparation Of MTO For Low Pressure Storage Tanks of SABIC.
40	Gulf Heavy Industries Co., Saudi Arabia.	Basic Design & Preparation Of MTO For Above Ground LPG Tanks For Gasco.
41	Litwin PEL LLC., UAE	Preparation of As-Built Drawings for GASCO's Upgrading of Substation-19 At Maqta FEED Project.
42	Industrial Development & Engineering Associates (IDEA)	Design of Civil & Piping Works for Installation of Cooling Tower at Rahimyar Khan Plant of M/s. Unilever Pakistan Ltd.
43	Lotte Chemical Pakistan Ltd.	Design Vetting Of Chemical Storage Shed.