



OPTIMUM ENGINEERING SERVICES
STEEL STRUCTURE DESIGN PROJECTS LIST

S. No.	Client	Description
1	Premier Group of Companies (PGC)	Design and detailed engineering of Fermentation and Distillation Units Steel Structures based on technology provided by Interis, France including Civil Foundation Design for 65 KLPD Ethanol (ENA) Distillation Unit At Chashma Ethanol Site.
2	Sindh Nooriabad Power Company (Pvt.) Ltd.	Design & preparation of Drawings, Specifications & BOQ for Old Water Reservoir at SNPC Plant Site.
3	Pakarab Fertilizers Ltd. / Fatima Fertilizer Co. Ltd.	Design Vetting & Analysis of NP Melt Evaporator's existing Steel & Civil Structure for placement of new Exchanger.
4	PakArab Engineering (Pvt.) Limited.	Rigging Study for lifting of CN Buffer Tank for placement at foundation.
5	Pakistan Refinery Limited.	Study and design vetting of steel structures (JP-1 Gantry, Fire Station & Foam Tank Sheds) at Korangi & Keamari.
6	Pakistan Refinery Limited.	Design Study for Anchor Bolts of Flare Stack 3101-B, Boiler-1 & 2 Stack and Boiler-3 Stack.
7	Lotte Chemical Pakistan Ltd.	Design of Steel Structure Shed over Lab. Building Roof for installation of HVAC chiller.
8	Pakistan State Oil Company Limited	Consultancy Services for Vetting Design of Existing Monolith Towers.
9	Pakistan Refinery Limited.	Design of Shed over Raw Water Pumps.
10	Saba Power Company Ltd.	Structural Analysis of Main Boiler Stack at Saba Power Plant - Farooqabad.
11	Pakistan Refinery Limited.	Design of Decanting Shed with Fall Arrest System
12	Oil & Gas Development Co. Ltd.	Design of platform along with 5 T mechanical gantry crane at Uch Power Plant.
13	Noon Sugar Mills Ltd.	Reinforcement of Distillery Steel Structure to Support New Water Tanks
14	Archroma Pakistan Ltd.	Design of Shed over Scientific Center Roof.
15	Pakistan Refinery Limited.	Civil and Structure Design for Installation of Waste Heat Recovery Boiler at PRL
16	Petrocon (Pvt.) Ltd.	Preparation of Shop Fabrication Drawings for Pipe Racks and Inspection Platform Structure at Chevron's Lube Oil Blending Plant at West Wharf, Karachi.
17	Pakistan Refinery Limited.	Design Calculations & Study for 101-E Column Support.
18	Unicol Ltd.	Design of Ethanol Loading Gantry & Associated Piping Works.



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19	Pakistan Refinery Limited.	Technical Study / Design Calculations for sizing of main furnace stack 102-B anchor bolts.
20	Pakistan Refinery Limited.	Design Vetting of Raw Water Filter including Supporting Structure & Foundation.
21	M/s. Hunza Sugar Mills (PVT) Ltd.	Reinforcement of Gas Holder Tank Structure.
22	Total Parco Pakistan Ltd. (Formerly Chevron Pakistan Ltd).	Design Of Retractable Fall Protection System For Loading/Decanting Gantries At Keamari Terminal Karachi.
23	Industrial Development & Engineering Associates (IDEA)	Design Vetting Of Fire Monitor Tower Structure at Engro LNG Terminal.
24	Lotte Chemical Pakistan Ltd.	Design Vetting Of Chemical Storage Shed.
25	A.B.S. Engineering.	Design of Car Parking Shed at State Life Building.