

Selected References

Petrochemical Industries



Pörner Ingenieurgesellschaft mbH

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Selected References

Petrochemical Industries since 2005

Client	Place	Country	Start	End
Project description	Services and supplies by Pörner	Remark	Project / Scope	
AMOC Alexandria Mineral Oils Company <i>Wax Molding Unit</i> Capacity extension of an existing wax molding unit from six to eight production lines up to 23,000 TPA; including adaption of the cooling system and exchange of the complete control system (PLC)	Alexandria Detail design of the new wax molding units as well as cooling- & control system, procurement, supply of equipment, site supervision	Egypt <i>Capacityextension to 8 production lines</i>	2013 Brown field <i>EPC</i>	2014
OMV AG <i>Capacity Expansion of Butadiene Production Plant</i> Capacity expansions to Butadiene production plant, including exchange of heatexchanger, pumps and 410 pipes	Schwechat FEED, detailed engineering, procurement, construction supervision, commissioning support	Austria	2012 Modernisation <i>EPCM</i>	2014
Total Raffinerie Mitteldeutschland GmbH <i>FCC Gas Processing Unit</i> Reconstruction of the FCC gas processing unit with capacity increase	Leuna Detailed engineering, procurement, site- and construction supervision, commissioning support	Germany	2012 Modernisation <i>EPC</i>	2014
Total Raffinerie Mitteldeutschland GmbH <i>FCC Reactor</i> Retrofitting of the FCC reactor	Leuna Detailed engineering, procurement, site- and construction supervision, commissioning support	Germany	2012 Modernisation <i>EPC</i>	2014
Total Raffinerie Mitteldeutschland GmbH <i>Alkylation Unit</i> Reconstruction of the alkylation unit for capacity increase of alkylate yield	Leuna Detailed engineering, procurement, site- and construction supervision, commissioning support	Germany	2012 Modernisation <i>EPC</i>	2014

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Borealis Agrolinz Melamine GmbH <i>Ammonium I+II, Urea, Urea Material&Utilities</i> Modernisation of the fertilizers- and basic chemicals production facilities consisting of Ammonium plants I+II, Urea plant, utilities and Urea storage facilities	Linz Authority engineering, detailed engineering, site supervision, procurement, commissioning, project management incl. HSE and BauKG	Austria <i>End documentation March 2014</i>	2010 Modernisation <i>EPCM</i>	2013
Borealis Polyolefine GmbH <i>Polypropylene Pilot Plant</i> Revamp of the Polypropylene pilot plant on the Borstar process	Schwechat Detailed engineering for civil/structural, electrical/I&C, equipment and piping, process support, construction supervision, commissioning assistance	Austria	2009 Modernisation <i>EPCM</i>	2010
AMI Agrolinz <i>Revamp Melamine 3 Plant</i> 160 Drawings for Revamp of Melamine 3 plant inclusive salt melting supply boiler and decomposer	Linz Detail engineering for salt melting piping from salt tanks and boiler to decomposer, including stress calculations and isometric drawings	Austria	2009 Engineering <i>E</i>	2009
Borealis Polyolefine GmbH <i>Expansion of Polyethylene Plant with Black Colouring, PE4</i> Extension of a polyethylene plant with a black coloring	Schwechat General planning incl. basic engineering, governmental approval procedure, estimation of investment cost, detailed engineering over all disciplines, procurement, site supervision, commissioning support	Austria	2007 Modernisation <i>EPC</i>	2008
GE Lighting Plastics Austria GmbH & Co KG <i>ZZ Extruding extension line 5</i> Installation of a plant to produce plastic profiles (ZZ-products) for greenhouses	Wiener Neustadt Basic design, scheduling, detailed engineering, site supervision, steel construction	Austria	2007 Green field <i>ECM</i>	2008

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Total Raffinerie Mitteldeutschland GmbH <i>High Pressure Steam Generator (THT)</i> General Contrator for the replacement of the high pressure steam generator (THT)	Leuna General management	Germany	2007 Turn-key <i>EPM</i>	2008
Süd-Chemie Qatar WLL <i>"Gas-to-liquid" Catalyzor Plant</i> First plant for the production of high-tech catalyzors for the "gas-to-liquid" process, first of ist kind plant worldwide. Development of technical fundamentals and project concept in close co-operation with the client,	Messaieed (Doha) General planning incl. basic and detail engineering, civil engineering, procurement and logistics, project management, site organization inclusive site supervision as well as commissioning.	Qatar <i>Nomination for the Austrian State Award for Consulting 2008</i>	2006 Green field <i>EPC</i>	2008
Borealis AG <i>High-Density-Polyethylene Plant, HDPE</i> Engineering support for a High-Density-Polyethylene plant including infrastructures	Münchsmünster Support for authority engineering, architectural review of all civil and steel structures, basic and detailed engineering for all underground systems	Germany	2007 Engineering <i>E</i>	2007
DOMO Caproleuna GmbH <i>Hydroxylamine free base-plant</i> Engineering support for a hydroxylamine free base-plant	Leuna Basic Engineering-Adoption, Tender documentation	Germany	2006 Engineering <i>E</i>	2007
Spolchemie <i>Polyester and Alkyd-Resin Plant</i> Installation of a production plant for unsaturated polyester and alkyd resin	Usti nad Labem General planning, procurement and supply of all equipment and material, site supervision, start-up assistance, training and documentation	Czech Republic	2005 Green field <i>EPCM</i>	2007



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MBA Polymers Austria <i>Plastic Recycling Plant</i> Installation of a recycling plant for production of 30.000 t pure plastics out of 40.000 t electronic scrap and wastes from car recycling; Capacity: 40.000 TPY	Kematen a.d. Ybbs General planning, detail engineering for mechanics, instrumentation / control & electrics, site supervision	Austria <i>Industrial building</i>	2005 Green field <i>E</i>	2005