

Industrial Plants - Project References

Year of Order	Customer	Plant Location	Plant / Product	Capacity (TPA / tpd /	Licensor	Services Rendered
2016	Reichhold India	Ranjangaon	Polyester Resin		- By Client	EPCM
2013	Umicore Autocat India	Pune	Automotive Catalyst plant		- Umicore Autocat	EPCM, PS
2011	SASOL (TK	South Africa	Coal Tar Filtration East	1,200 tpd	SASOL	E (Detail Engg)
2011	SASOL (TK	South Africa	Water Recovery Growth		- SASOL	E (Detail Engg)
2012	AkzoNobel India	Gwalior	Water Borne Paints	50 MLPA	AkzoNobel	EPCM
2011	Rothe Erde India	Nasik	Large Diameter Bearing Factory (Phase III Expansion)		- -	E (Basic Engg & Detail Engg- CI,EL,PI), P, CS
2010	Reichhold India	Ranjangaon	Resin Storage Tank	3 x 60 KL	Uhde India	E (Basic Engg)
2010	Maroc Phosphore	Morocco	Electrical Engineering Services	-	-	EPCM
2010	ThyssenKrupp Engineering	Nashik	Crankshaft Machining Line Infrastructure		- -	EPCM
2009	Maroc Phosphore	Morocco	Infrastructure Project for Fertiliser Complex		- Uhde India	EPCM incl. E (Basic Engg)
2009	DCW Limited	Tamilnadu	Synthetic Iron Oxide	31000 TPA	Rockwood,	EPCM
2009	Reichhold India	Ranjangaon	Polyester Resin plant		- By Client	E (Detail Engg),
2008	LANXESS India	Jhagadia	Ion Resin plant		- LANXESS	EPCM
2008	TRANSNET (TK Engg. South	South Africa	New Multi-product pipeline project		- -	E (Detail Engg)
2008	Rothe Erde India	Nashik	Large Diameter Bearing Factory (Expansion)		- -	E (Detail Engg)
2007	VVF Limited	Taloja	Hydrogen Plant - Conversion of feed	2,800 Nm ³ /hr	Uhde India	EPCM incl. E (Basic Engg)
2007	Fujairah Cement Industries	UAE	Cement plant		- -	E (Detail Engg - CI)
2006	Thai Oleochemicals	Thailand	Fatty Alcohol	100000 TPA	Cognis Deutschlan	E (Basic Engg & Detail)
2006	Rothe Erde India	Nashik	Large Diameter Gear / Bearings Factory		- -	E (Detail Engg), PS (Part)

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2005	L'Oreal India	Pune	Cosmetic plant expansion	Expn. of 120 mio.units p.a.	L'Oreal India	E (Extended Basic Engg & Detail Engg), CS, COS
2005	Chemical Engineering	Canada	Lube Oil Re-refining	24000 TPA	Chemical Engineering	E (Detail Engg)
2005	ThyssenKrupp	Nashik	Hydrogen - Nitrogen	800 Nm ³ /hr 1050 Nm ³ /hr	Caloric Various	EPC-LSTK
2005	Chemical Engineering	Puerto Rico & Malaysia	Lube Oil Re-Refining		- Chemical Engineering	E (Detail Engg)
2005	VVF Limited	Taloja	Fatty Alcohol (Expansion)	Upto - 108,000		E (Detail Engg)
2005	Nitrex Chemicals	Jhagadia	Cellulose Nitrate	5000 TPA	Nitrex	EPCM
2003	VVF Limited	Taloja	Hydrogen	2,800 Nm ³ /hr	Caloric	EPC-LSTK
2003	VVF Limited	Taloja	Saponification		- Mazzoni	EPCM
2002	VVF Limited	Taloja	Fatty Alcohol	60000 TPA	Lurgi	EPCM, PS
2002	Eco Oils Sdn BHD	Malaysia	Spent Bleached Earth (Expansion)	250 tpd (after	Eco Oils	E (Detail Engg)
2002	VVF Limited	Kutch	Glycerine Distillation	36 tpd	Wurster & Sanger	E (Detail Engg)
2002	EBG India	Nashik	TADL (Revamp)		- EBG India	E (Detail Engg),
2001	Dresser-Rand India Pvt.Ltd.	Chennai	Gas Boosting Station (for PPN Power Company)	330 MW Capacity Combined	Dresser-Rand India	EPCM, PS
2001	Siemens (for Power Grid Corpn.)	Kolar, Karnataka Talcher,	2,000 MVA HVDC 2,000 MVA HVDC		- Siemens	E (Detail Engg)
2000	Sterling Gelatin	Karakhadi	Gelatin	8 tpd	CRODA	EPCM
1998	Bombay Oxygen	Mumbai	Air Separation unit	130 tpd	Messer	E(Detail Engg), PS, P, CS
1996	Siemens (for Gujarat Torrent	Paguthan	Balance of Plant facilities for 655 MW		- Siemens	EPCM

Abbreviations (Services Rendered)

E (Basic Engg), E (Detail Engg), P = Procurement, EPCM = Engineering, Procurement, Construction Management, PS = Proprietary Supplies, CS = Construction Supervision, COS = Commissioning Supervision, EPC-LSTK = Engineering Procurement Construction - Lumpsum Turnkey, FEED - Front End Engineering Design, PMC = Project Management Consultancy, DFR = Detailed Feasibility Report