

Uhde India Private Limited, Uhde House, LBS Marg, Vikhroli (W), Mumbai 400 083, India

International Project References

Abbreviations:

E - Engineering | P - Procurement Services | S - Supplies | CS - Construction Supervision | COS - Commissioning Supervision | LSTK - Lumpsum Turnkey | PMC - Project Management Consultancy | LS - Lumpsum | FEED - Front End Engineering Design

Year of Order	Customer	Plant Location	Plant / Product	Capacity TPA / tpd	Licensor	Services Rendered
2010	Maroc Phosphore	Morocco	Electrical Engineering Services (JPH Infrastructure Project)	-	-	E, P, CS, COS
2010	SABIC	Saudi Arabia	Benzene Mitigation Project	-	By Client	FEED
2009	Farabi Petrochemical Co.	Saudi Arabia	Linear Alkyl Benzene	Duplication	UOP	E, P, CS, COS
2009	Maroc Phosphore	Morocco	Infrastructure Project for Fertiliser Complex	-	Uhde India	E (Basic + Detailed), P, CS, COS
2009	Qatar Petrochemical Co (QAPCO) (Uhde)	Qatar	LDPE	300,000 TPA	LyondellBasell	E (Detailed)
2009	Albayroni (Al-Jubail Fertiliser Co) SABIC Group	Saudi Arabia	Inspection of Cryogenic Ammonia Storage Tank	1 x 20,000 MT	Uhde India	E
2008	Yara Sluiskil B.V. (Uhde)	Holland	Urea (incl.modernisation of existng facilities)	3,500 TPA	Stamicarbon	E (Detailed)
2008	Bunge Maroc Phosphore (Incro SA)	Morocco	Triple Super Phosphate / Mono Ammonium Phosphate & Mono Ammonium Phosphate / Di-Ammonium Phosphate	270,000 TPA 340,000 TPA	Incro	E, P, CS, COS For Offsites & Utilities E, P, CS, COS (incl Basic Engg)
2008	TRANSNET (TK Engg.South Africa)	South Africa	New multi-product pipeline project	-	-	E (Detailed)

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2008	TICONA (Perstorp Speciality Chemicals)	Germany	Formaldehyde	88,000 TPA (2 trains)	Perstorp	E (Detailed)
2007	SORFERT (Uhde GmbH)	Algeria	Ammonia Urea	2 x 2,200 tpd 1 x 3,450 tpd	Uhde Stamicarbon	E (Detailed)
2007	SASOL (Uhde - a Divn.of TK Engg., South Africa)	S.Africa	Methyl Isobutyl Ketone (MIBK)	30,000 TPA	BEP : Uhde South Africa / Uhde	E (Detailed)
2007	Spolchemie (Uhde GmbH)	Czech Republic	Caustic Soda (Conversion to Membrane Cell)	-	Uhde India	E (Basic)
2007	Ruwais Fertiliser Industries (FERTIL)	Abu Dhabi	Granulation Unit (Prilled Urea)	2,500 tpd	Uhde Fertiliser Technology	FEED
2007	Egyptian Propylene & Polypropylene Company (Uhde)	Egypt	Propylene / Polypropylene / Offsites & Utilities	350,000 TPA	Uhde	E (Basic & Detailed), P
2007	Sahara Petrochemicals (Uhde)	Saudi Arabia	Caustic Soda-Chlorine	250 tpd	Uhde	E (PDP)
2007	Fujairah Cement Industries (Polysius AG)	UAE	Cement Plant	-	-	E (Civil & Structural)
2007	Saudi Arabian Basic Industries (SABIC)	Saudi Arabia	Urea Granulator Ammonia Abatement projects	-	-	E (Basic), Cost Estimate
2006	SASOL (Uhde - a Divn.of TK Engg., South Africa)	South Africa	Wet Sulfuric Acid	14.5 T/hr	Haldor Topsoe	E (Detailed)
2006	SABIC Polyolefine (Uhde GmbH)	Germany	High Density Polyethylene	300,000 TPA	Basell	E (Detailed)
2006	LUKOIL Chemical Group (Uhde GmbH)	Ukraine	Caustic Soda-Chlorine (Conversion to Membrane Cell)	200,000 TPA Caustic Soda / 177,000 TPA Chlorine	Uhde	E (Detailed)
2006	Thai Oleochemicals Co. (Uhde GmbH)	Thailand	Fatty Alcohol	100,000 TPA	Cognis Deutschland	E (Basic & Detailed)

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2006	Vestolit (Uhde GmbH)	Germany	Caustic Soda-Chlorine (Conversion to Membrane Cell)	293,000 TPA Caustic Soda / 260,000 TPA Chlorine	Uhde	E (Detailed)
2005	Penwalt (Uhde)	Mexico	Caustic Soda	110 tpd	Uhde India	E (Basic)
2005	LIWA Petrochemicals LLC (Uhde)	Oman	Ethylene Dichloride	300,000 TPA	Vinnolit	E
2005	China National Offshore Oil Company (Uhde GmbH)	China	Hydrogen plant	2 x 100,000 Nm ³ /hr	Uhde	E
2005	Aditya Birla Chemicals (Thailand) Ltd.	Thailand	Caustic Soda plant expansion	Expansion by 70 tpd	Uhde	E
2005	Astha Chemicals (Uhde GmbH)	USA	Caustic Potash	200 tpd	Uhde	E
2004	EMS Inventa	Confidential	Man-made Fibres / Raw materials	-	EMS Inventa	E
2004	AB Achema (Uhde GmbH)	Germany	Ammonia Tank	1 x 15,000	Uhde India	E
2004	Neste Oil Oyj (Uhde GmbH)	Finland	Hydrogen Plant Reformer	153,500 Nm ³ /hr	Uhde	E
2004	Arvand Petrochemicals(Sazeh Consultants)	Iran	Caustic Soda	1000 x 2 trains	Uhde	E
2004	Tessenderlo Chemie NV (Uhde GmbH)	Belgium	Caustic Soda - Conversion to Membrane Cell	930 tpd	Uhde	E
2004	Anwil SA (Uhde GmbH)	Poland	Caustic Soda - Conversion to Membrane Cell	650 tpd	Uhde	E
2004	Saudi Arabian Fertilizer Co.(SAFCO) - (Uhde GmbH)	Saudi Arabia	Urea Formadehyde Concentrate	29,700 TPA	Perstorp	LSTK

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2003	Saudi Arabian Fertilizer Co.(SAFCO) - (Uhde GmbH)	Saudi Arabia	Ammonia-Urea / Reformer Package for Ammonia Plant	3,300 / 3,250 tpd	Uhde / Stamicarbon / Hydro Fertilizer Technology / Uhde	E
2004	Gulf Farabi Petrochemical Co. (thru' SNC-Lavalin International, Canada)	Saudi Arabia	n-Paraffin / Linear Alkyl Benzene / Offsites & Utilities	120,000 / 70,000 TPA	UOP	E, P, CS, COS
2003	Kuwait National Petroleum Corpn., MAA Refinery (ISCO)	Kuwait	Implementation of HAZOP Studies of Refinery Units	-	-	E
2003	Kuwait National Petroleum Corp (ISCO)	Kuwait	Enhancement of Local Marketing Distribution Facilities	-	-	E
2003	UD-Koch-Glitsch Project Reformer	Belarus	Hydrogen Plant Reformer	39,000 Nm ³ /hr	Uhde	E
2003	Qatar Fertilizer Co.(Uhde)	Qatar	Ammonia Tank (double integrity with Associated facilities)	1 x 40,000 MT	Uhde	E
2003	Tiszai Veygi Kombinat RT (Uhde GmbH)	Hungary	Ethylene Storage Tank	1 x 6,000 MT	Uhde	E
2003	Norsk Hydro (Uhde GmbH)	Norway	Caustic Soda-Chlorine	450 / 400 tpd	Uhde	E
2003	GAP INSAT (Uhde GmbH)	Turkmenistan	Ammonia Tank	1 x 5,000 MT	Uhde	E
2003	Formosa Plastics Corpn.(Uhde GmbH)	Taiwan	Caustic Soda	400 tpd	Uhde	E
2002	Jal International	Saudi Arabia	Vapour Separation for Polyethylene Plant	-	MTR Inc.	E

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2002	Shiraz Petrochemicals	Iran	Ammonia Tank & Associated Facilities	1 x 5,000 MT	Uhde India	E, LS
2002	Eco Oils SDN BHD	Malaysia	Spent Bleached Earth (Expansion)	250 tpd (after debottlenecking)	Eco Oils	E
2002	GAP INSAT (Uhde GmbH)	Turkmenisatan	Reformer Package	600 tpd	Uhde	E
2001	Qatar Fertilizer Co. (Uhde)	Qatar	Urea Formaldeyde	82 tpd	Perstorp	E, P, CS, COS
2001	Qatar Fertilizer Co. (Uhde)	Qatar	4 th Ammonia Urea Offsites & Utilities Reformer Package	2,000 tpd 3,200 tpd	Uhde / Stamicarbon Uhde	E, CS E, CS E
2001	Weifang Yaxing Chemicals Co. (Uhde GmbH)	China	Caustic Soda	175 tpd	Uhde	E
2001	Asean Bintulu Fertilizer (Petronas Group)	Malaysia	Ammonia-Urea Revamp	1,350 / 2,250 tpd	Uhde / Stamicarbon / Hydro Fertilizer Technology	E, CS
2000	National Chlorine Industries	Jordan	Caustic Soda (Expansion)	50 tpd (after expn.)	Uhde	E, S, CS
2000	Egyptian Fertilizer Co. (Uhde)	Egypt	Ammonia Tank (single-walled)	1 x 15,000 MT	Uhde	E
2000	Sasol[ThyssenKrupp Engg.(Pty), South Africa]	South Africa	Detergent Alcohol / n-Butanol	120,000 / 150,000 TPA	Uhde / Kvaerner / Mitsubishi	E
1999	Radici(Uhde GmbH)	Germany	Adipic Acid	80,000 TPA	Radici	E
1999	Dialog Holdings SDN BHD (Uhde)	Malaysia	Ammonia Tank	1 x 25,000 MT	Uhde	E
1998	Saras Refinery (Parsons, U.K.)	Italy	Mild Hydrocracker	55,000 blpd	ABB Lummus / Shell	E

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1998	The Egyptian General Organisation for Chemical Industries (Uhde)	Egypt	Ammonia Tank (single-walled)	1 x 15,000 MT	Uhde	E
1998	Wacker Chemie (Uhde GmbH)	Germany	Caustic Soda	696 tpd	Bayer / Hoechst / Uhde	E
1998	BASF AG(Uhde GmbH)	Belgium	Benzene / Toluene (Extractive Distillation of Pyrolysis Gasoline)	680,000 TPA	Uhde / BASF	E
1998	Qatar Vinyl Co.(Uhde)	Qatar	Caustic Soda-Chlorine Ethylene Dichloride Vinyl Chloride Monomer	290,000 TPA 260,000 TPA 175,000 TPA 230,000 TPA	Bayer / Hoechst / Uhde	E
1998	Rot Quimica (Uhde GmbH)	Mexico	Potassium Hydroxide	50 tpd	Bayer / Hoechst / Uhde	E (Basic)
1998	Bitterfeld Chlor Alkali (Uhde GmbH)	Germany	Caustic Soda (Revamp)	75,000	Uhde	E (Detailed) for PDMS / PDS
1997	Titan Petrochemicals (Uhde GmbH)	Malaysia	Aromatics plant(Extractive Distillation of Reformate)	232,000 TPA	Uhde	E
1997	P.T.Styrindo Mono (MHI, Japan)	Indonesia	Ethyl Benzene / Styrene Monomer	200,000 TPA	ABB Lummus	E
1997	Enaex(Uhde GmbH)	Chile	Weak Nitric Acid / Ammonium Nitrate	925 / 1,060 tpd	Uhde	E
1997	Hoecsa	Turkey	Polyester Tyre Cord	14,000 TPA	Hoechst Celanese	E,P,CS,COS

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1996	Abu Qir Fertilizer Co. (Uhde GmbH)	Egypt	Ammonia Urea	1,200 tpd 1,750 tpd	Uhde / Stamicarbon	E
1996	Qatar Fertilizer Co. (Uhde GmbH)	Qatar	Ammonia Tank (double-integrity)	1 x 20,000 MT	Uhde	E
1995	MCW (Uhde GmbH)	Israel	Hydrogen Peroxide	15,000 TPA	Uhde	E
1995	Brasali (Uhde GmbH)	Indonesia	Hydrogen Peroxide	15,000 TPA	Uhde	E, COS

31.12.2010

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