

Inorganic Chemicals & Metallurgy - Project References

Year of Order	Customer	Plant Location	Plant / Product	Capacity (tpd)	Licensor	Services Rendered
2017	National Alumina Company (NALCO)	Odisha	Alumina Refinery	2.0 MMTPA (after expn.)	Rio Tinto Alcan	EPCM
2017	Gujarat Alkalies and Chemicals	Dahej	Sodium Chlorate (replacement of cell elements)	20,000	Uhde	E, LS
2017	Utkal Alumina	Odisha	Alumina Refinery	2.0 MMTPA (after expn.)	Rio Tinto Alcan	E, P, CS, COS
2015	Gujarat Alkalies and Chemicals	Vadodara	Caustic Potash	120 (after conversion)	Uhde	E,P,CS,COS
2015	Namzinc	Namibia	Zinc Refinery Conversion project	150,000 TPA	Outotec / Tecnicas Reunidas	FEED (BEP) FEED (O/U) DFR
2012	Umicore Anandeya India	Goa	Zinc Oxide (Capacity Enhancement)	6,000 TPA	-	E (Extended Basic, Detailed, Procurement)
2011	Gujarat Alkalies and Chemicals	Dahej	Chlorine Liquefaction System	400	Uhde India	E (Basic + Detailed), P, CS, COS
2011	Gujarat Alkalies and Chemicals	Dahej	Sodium Chlorate	20,000 TPA	Uhde India	E, P, LS (Part), CS, COS
2007	West Coast Paper Mills	Dandeli	Chlorine Dioxide	11	Uhde India	LSTK
2007	Andhra Sugars	Andhra Pradesh	Polyaluminium Chloride	28,700 TPA	Contec SRL	E
2006	SASOL (Uhde – A Divn. of TK Engg., South Africa)	S. Africa	Wet Sulfuric Acid	14.5 T/hr	Haldor Topsoe	E (Detailed)

Abbreviations (Services Rendered)

E=Engineering, P=Procurement, S=Supplies,
 CS=Construction Supervision, COS=Commissioning Supervision,
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2006	Kanoria Chemicals & Industries	Renukoot	Chlorine Automation System	-	Uhde	E
2006	Hindustan Zinc	Rajasthan	Zinc Smelter - phase II	170,000 TPA	Outo Kumpu	E
2006	Utkal Alumina	Odisha	Alumina	1.5 Mio TPA	Rio Tinto Alcan	E, P, CS, COS
2005	Sirpur Paper Mills	Andhra Pradesh	Chlorine Dioxide	7.5	Uhde India	E, P, LS (Part), CS, COS
2004	Gujarat Alkalies and Chemicals	Dahej & Baroda	Polyaluminium Chloride	24,000	Contec SRL	E, P, CS, COS
2003	Hindustan Zinc	Rajasthan	Zinc Smelter (Capacity Enhancement)	170,000 TPA (after expn.)	Outo Kumpu	E, PMC
2003	Kanoria Chemicals & Industries	Renukoot	Poly Aluminium Chloride (Relocation)	30,000 TPA	-	E, P, S, CS, COS
2003	Indian Petrochemicals Corpn.	Gandhar	Chlorine (Capacity Enhancement)	510 (after expansion)	Uhde	E, CS, COS
2001	West Coast Paper Mills	Dandeli	Chlorine Dioxide	4	Uhde	E,S,CS,COS
2000	Reliance Industries	Hazira	Chlorine Handling system	-	Uhde India	E, P, CS, COS
1998	Rot. Quimica (Uhde GmbH)	Mexico	Potassium Hydroxide	50	Bayer/Hoec hst/Uhde	E (Basic)
1997	Chemplast Sanmar	Chennai	Chlorine Liquefaction (2 nd stage)	15	Uhde	E
1997	Hindustan Organic Chemicals	Cochin	Hydrogen Peroxide Concentration unit	5,225 TPA	Uhde	E, P, CS, COS

Page 2 of 4

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1995	Indian Rayon and Industries	Veraval	Caustic Concentration and Flaking	50	Bertrams	E, P, CS, COS
1995	MCW (Uhde GmbH)	Israel	Hydrogen Peroxide	15,000 TPA	Uhde	E
1995	Bertrams AG. Subcontract	Egypt	Piping Engineering for Caustic Evaporation unit	-	Bertrams	E
1995	Brasali (Uhde GmbH)	Indonesia	Hydrogen Peroxide	15,000 TPA	Uhde	E, COS
1994	Hindustan Organic Chemicals	Cochin	Hydrogen Peroxide	5,225 TPA	Uhde	E, P, CS, COS
1994	Gujarat Alkalies and Chemicals	Baroda	Hydrogen Peroxide	11,000 TPA	Uhde	E, P, CS, COS
1993	Andhra Pradesh Paper Mills	Rajahmundry	Chlorine Dioxide	3	Uhde	E, P, CS, COS
1993	Gujarat Alkalies and Chemicals	Baroda	Potassium Carbonate	61.5	Bertrams	E, P, CS, COS
1992	Gujarat Alkalies and Chemicals	Baroda	Sodium Hypochlorite - phase II	4 (of absorbed Chlorine)	Uhde	E, P, CS, COS
1990	Gujarat Alkalies and Chemicals	Baroda	Hydrogen Compression and Transfer Line	-	Uhde India	E, P, CS, COS
1989	Reliance Petrochemicals	Hazira	Liquid Chlorine Unloading system	5	Uhde India	E, COS
1989	Insilco	Gajraula	Spray Dried Silica	7,000 TPA	Degussa	E, P, CS, COS
1985	Hukumchand Jute and Industries	Amlai	Caustic Concentration and Flaking	40	Bertrams	E, P, CS, COS

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1985	Gujarat Alkalies and Chemicals	Baroda	Dense Soda Ash	66	Bertrams	E, P, CS, COS
1985	Gujarat Alkalies and Chemicals	Baroda	Sod. Hypochlorite, Waste Air Washing and Zero Effluent system	3	Uhde	E, P, CS, COS
1985	Punjab Alkalies & Chemicals	Nangal	Caustic Concentration and Flaking	50	Bertrams	E, P, CS, COS
1985	Gujarat Alkalies and Chemicals	Baroda	Caustic Concentration and Flaking	50	Blaw Knox	E, P, CS, COS
1985	Southern Petrochemical Industries Corpn.	Tuticorin	Aluminium Fluoride	8	Alesa Alusuisse	E
1979	Hindustan Organic Chemicals	Rasayani	Liquid N ₂ O ₄	2	Uhde	E, P, CS, COS
1978	Hindustan Organic Chemicals	Rasayani	Concentrated Nitric Acid (HOKO process)	50	Uhde	E, P, CS, COS

31.05.2018

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