

Fertilisers Urea Synthesis - Project References

Year of Order	Customer	Plant Location	Plant / Product	Capacity (tpd)	Licensor	Services Rendered
2019	El Nasr Co for Intermediate Chemicals [NCIC] (tkIS)	Egypt	Ammonia	1200 tkIS / UOP (CO2 removal)		E (Detailed)
			Urea (Granulated)	1050	Stamicarbon	
			Nitric Acid	500	tkIS	
			Ammonium Nitrate (Neutralisation)	635	tkIS	
			Calcium Ammonium Nitrate (Granulated)	826	tkIS	
2018	Brunei Fertilizer Industries (tkIS)	Brunei	Ammonia	2200 tkIS	AG	E (Detail Engg)
			Urea	3900	Stamicarbon	
			Urea Granulation	3900	tkIS AG	
			Offsites and Utilities	- -		
2013	Orascom Construction Industries - Iowa Fertilizer Co.	Iowa, USA	Urea Ammonium	4300	tk Uhde	E (Detail Engg)
			Urea	2200	Stamicarbon	
			Nitric Acid	1530	tk Uhde	
2012	CF Industries Holdings (TK Uhde)	Donaldsonville, USA	Ammonia	3500	tK Uhde	E (Detail Engg)
			Urea	3300	Stamicarbon	
			Nitric Acid	1520	tK Uhde	
			Urea Ammonium	4300	tK Uhde	
2012	CF Industries Holdings (TK Uhde)	Port Neal, USA	Ammonia	2200	tK Uhde	E (Detail Engg)
			Urea	3500	Stamicarbon	
			Urea Granulation	3500	tK Uhde	
2011	Karnaphuli Fertilizer Company Limited - (KAFCO)	Bangladesh	Urea Granulation (Revamp)	2100 Uhde (after Fertiliser revamp) Technology		E (Detail Engg), CS, COS
2008	Yara Sluiskil B.V. (Uhde GmbH)	The Netherlands	Urea (including modernization of existing facilities)	3500	Stamicarbon	E (Detail Engg)

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2008	Asean Bintulu Fertilizer (Petronas Group)	Malaysia	Ammonia - Urea Rejuvenation project		- By Client	E (Detail Engg)
2007	SORFERT (Uhde GmbH)	Algeria	Process plants for : Ammonia Urea	2 x 2,200 1 x 3,450	Uhde Stamicarbon	E (Detail Engg)
2007	Saudi Arabian Basic Industries (SABIC)	Saudi Arabia	Urea Granulator Ammonia Abatement project		- -	E (Basic Engg), Cost Estimate
2006	Ruwais Fertiliser Industries (FERTIL)	Abu Dhabi	Granulation Unit (Granulated Urea)	2500	Uhde Fertiliser Technology	FEED
2004	Mangalore Chemicals & Fertilizers	Mangalore	Urea (Revamp)		- Stamicarbon	E (Detail Engg)
2004	Saudi Arabian Fertilizer Co (SAFCO)	Saudi Arabia	Urea Formaldehyde Concentrate	29,700	TPA Perstorp	EPC-LSTK
2003	Saudi Arabian Fertilizer Co. (SAFCO) (Uhde GmbH)	Saudi Arabia	Ammonia Urea Reformer Package for Ammonia plant	3300 3250	Uhde Stamicarbon Hydro Fertilizer Tech. (Granulation) / Uhde	E (Detail Engg)
2001	Asean Bintulu Fertilizer (Petronas Group)	Malaysia	Ammonia Urea (Revamp)	1350 2250	Uhde Stamicarbon / Hydro Fertilizer Tech. (Granulation)	E (Detail Engg), CS
2001	Qatar Fertilizer Co. (QAFCO) (Uhde GmbH)	Qatar	Urea Formaldehyde	82	Perstorp	EPCM
2001	Qatar Fertilizer Co.-QAFCO (Uhde GmbH)	Qatar	4th Ammonia & Urea plant	2000 3200	Uhde Stamicarbon	E (Detail Engg), CS E (Detail Engg), CS

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			Offsites & Utilities Reformer Package for Ammonia plant	-	Uhde	E (Detail Engg)
2000	Mangalore Chemicals & Fertilizers	Mangalore	Urea (Revamp)	1290 (after revamp)	Stamicarbon	EPCM
1996	Abu Qir Fertilizer Co. (Uhde GmbH)	Egypt	Ammonia	1200	Uhde	E (Detail Engg)
			Urea	1750	Stamicarbon	
1994	Qatar Fertilizer Co. (QAFCO) (Uhde GmbH)	Qatar	Ammonia	1500	Uhde	E (Detail Engg)
			Urea	2000	Stamicarbon	

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