

KREBS SWISS Technology Customers Worldwide

From 1994

Country	Customer	Plant (Description)	Capacity	
Italy	Caffaro	Expert consulting concerning revamp or replacement of existing plant and plant sections. Evaluation of membrane cell technologies		
Portugal	Uniteca, Porto	Planning of Overall Revamp of the Existing Chlorine/Caustic Soda Plant for Capacity increase and Replacement of Mercury by Membrane Cells Design of chlorine processing plant Design of brine preparation plant Basic engineering for Ion exchange plant Detailed engineering for cell room piping Hypochlorite plant: expert consulting concerning replacement and capacity increase		
Germany	Wacker Chemie GmbH, Burghausen (via Edeleanu GmbH, Leipzig)	Basic Engineering for new Chloralkali Plant NaCl Eelctrolysis with Membrane Cells Secondary Brine Purification Chlorine Processing	155	tpd
Thailand	Thasco Chemical Co. Ltd. (via Toyo Thai Corp., Bangkok)	Chlorine Processing	170	tpd
Germany	Wacker Chemie GmbH, Burghausen (via Edeleanu GmbH, Leipzig)	Study for optimising of Chlorine Liquefaction		
Portugal	Uniteca, Porto	THERMOSAL Salt Cristallisation Salex-RC Salt Refining, Study	120'000 20	tpy tph
India	Gujarat Heavy Chemicals Ltd., New Delhi	SALEX-RC Salt Upgrading and Refining Plant	50/15	tph
India	Fine Salt Works Limited, Hyderabad	SALEX-RT Salt Refining Plant	15	tph

KREBS SWISS Technology Customers Worldwide

Spain	Solvay, Suria	SALEX-F Basic Engineering for Salt Upgrading Plant	100	tpd
Argentina	Atanor S.A., Buenos Aires	Expert Consulting on Modernisation of Chloralkali Plant		
Chile	cmcp Celulosa S.A. Laja	Expert Consulting on Chloralkali Plant		
Norway	Borregaard Industries Ltd. Sarpsborg	Brine Dechlorination	45	m ³ /h
Country	Customer	Plant (Description)	Capacity	
Norway	Borregaard Industries Ltd. Sarpsborg	Chlorine Absorption	38,4	tpd
Norway	Borregaard Industries Ltd. Sarpsborg	Planning of Overall Revamp of the Existing Chlorine/Caustic Soda Plant for Replacement of Mercury by Membrane Cells.		
		NaCl Electrolysis with Membrane Cells	125	tpd
		Secondary Brine Purification	55	m ³ /h
		Chlorine Processing (turn-key-project)	111	tpd
France	Solvay, Dombasle	SALEX-B Mineral Upgrading Process	1.2	tpd
India	Travancore-Cochin Chemicals, Udyogamandal	SALEX-B Salt Upgrading Plant	40	tpd
Thailand	Thasco Chemical Co. Ltd. (via Toyo Thai Corp.)	Chlorine Processing	297	tpd
Indonesia	Asahimas Subentra Anyer (via Toyo Engineering, Japan)	Chlorine Processing	598	tpd

KREBS SWISS Technology Customers Worldwide

Country	Customer	Plant (Description)	Capacity	
Thailand	Thai Organic Chemicals Co. Ltd., Bangkok	Power Rectification	70	kA
		NaCl Electrolysis with Membrane Cells	140	tpd
		Brine Preparation	60	m ³ /h
		Chlorine Processing and Liquefaction	125	tpd
		Hydrogen Processing	1'700	Nm ³ /h
		Caustic Soda Concentration	140	tpd
		Hydrochloric Acid Production	60	tpd
		Chlorine Absorption	36/125	tpd
Jordan	Jordan Salt Refinery, Azraq	SALEX-M Salt Refining Plant Salt Fields (Modification)	8	tph
India	Travancore Cochin Chemicals Ltd., Cochin	NaCl Electrolysis with Membrane Cells	100	tpd
		Secondary Brine Purification	42	m ³ /h
		Caustic Soda Concentration	100	tpd
		Water Demineralisation	15	m ³ /h
South Africa	Polifin Ltd., Sasolburg (via Italimpianti, Glenvista)	Chlorine Processing	130	tpd
Bangladesh	Bangladesh Chemical Industries Corporation (via Asahi Glass Co., Japan)	Secondary Brine Purification	10	m ³ /h
Israel	Israel Salt Company, Eilat	SALEX-RT Salt Additives Blending Unit	35	tph
India	Chemplast Ltd., Mettur Dam	Secondary Chlorine Liquefaction (Study)	18	tpd
Switzerland	Von Roll AG, Zürich	3D CAD Piping Design for Garbage Incineration Plant		-
Switzerland	SC Technology AG, Villmergen	3D CAD Layout for Sludge Drying Plant		-
France	Albemarle PCC, Thann	Modernisation of Chlorine Processing and Liquefaction (Study)	210	tpd
-	Confidential Client	Calcium Hypochlorite Production (Study)	30	tpd
Switzerland	SC Technology AG, Villmergen	3D CAD Layout for Sludge Drying Plant		-
China	Si Cuan Dong Chem. Industries Corporation (via Asahi Glass Co., Japan)	Secondary Brine Purification	98	m ³ /h

KREBS SWISS Technology Customers Worldwide

Country	Customer	Plant (Description)	Capacity	
-	Confidential Client	Waste Gas Scrubbing (Study)	120'000 110'000 150'000	m ³ /h m ³ /h m ³ /h
-	Confidential Client	Chlorine Processing	230	tpd
1991-94				
-	Confidential Client	Chlorine Cooling, Scrubbing, Drying, Compression, Liquefaction, Storage, Filling and Emergency Absorption Plant	230	tpd
-	Confidential Client	Cooling and Cleaning of Gas Streams with Chlorine and Hydrogen Chloride and Treatment of Resulting Effluents (Conceptional Design)	180'000 70'000 280'000	Nm ³ /h Nm ³ /h Nm ³ /h
-	Confidential Client	SALEX-B Salt Upgrading Plant	130	tph
Portugal	Salexpor Ltd., Olhao	SALEX-M Salt Upgrading Plant	15	tph
-	Confidential Client	SALEX-RT Salt Refining Plant	50	tph
Germany	Zellstoff & Papierfabrik, Rosenthal	Expert Consulting on Reduction of Gaseous Emissions from Chlorine Dioxide Plant		
Switzerland	Siegfried Chemie AG, Zofingen	Temperature Controlled Modular Storage Structures	40	drums
-	Confidential Client	Chemical Conversion of Sodium Sulphate (Study)	300	tpd
Colombia	Productos Derivados de la Sal S.A. (via Sulzer Burckhardt)	Expert Consulting on Chlorine Compression		
-	Confidential Client	Salt Production (Feasibility Study)	1 mio.	tpa

KREBS SWISS Technology Customers Worldwide

Country	Customer	Plant (Description)	Capacity	
Egypt	El Nasr Company for Intermediate Chemicals, Giza	NaCl-Electrolysis with Membrane Cells incl. Rectifier	36	tpd
		Brine Treatment	15	m ³ /h
		Chlorine Liquefaction	32	tpd
		Caustic Solidification	36	tpd
		Hydrochloric Acid	5	tpd
		Chlorine Absorption	3/32	tpd
		Water Demineralisation	10	m ³ /h
Germany	Elektrochemie Ibbenbüren	Ferric Chloride Solution	150	tpd
Jordan	Arab Potash Co., Amman	Table Salt Marketing Feasibility Study		
Liechtenstein	Hilti AG (Fastening Systems)	Storage and Handling of Hazardous Chemicals		
-	Confidential Client	SALEX-C Salt Upgrading Plant (Engineering)	40	tph
Switzerland	Rivella AG (Food & Beverages)	Storage of Hazardous Chemicals		
India	Century Chemicals, Jamnagar	SALEX-RT Salt Refining Plant	12.5	tph
Jordan	Arab Potash Co., Amman	Dead Sea Salt Recovery (Feasibility Study)	1.2 mio	tpa
Switzerland	Swissair (Airline)	Storage of Hazardous Chemicals		
Egypt	El Nasr Company for Intermediate Chemicals, Giza	NaCl-Electrolysis with Membrane Cells	17	tpd
		Secondary Brine Purification	7	m ³ /h
		Caustic Concentration	17	tpd
		Water Demineralisation	4	m ³ /h
-	Confidential Client	Expansion of Chlorine Scrubbing and Compression Plant	110	tpd
Switzerland	Hoffmann La-Roche AG (Chemicals & Pharmaceuticals)	Storage of Hazardous Chemicals		
Switzerland	Ciba-Geigy AG (Chemicals & Pharmaceuticals)	Storage of Hazardous Chemicals		
Turkey	Koruma, Istanbul	NaCl-Electrolysis Modernisation with Membrane Cells (Study)		

KREBS SWISS Technology Customers Worldwide

Country	Customer	Plant (Description)	Capacity	
Portugal	Uniao Industrial Textil e Quimica UNITECA, Oporto	NaCl-Electrolysis with Membrane Cells	41	tpd
		Brine Plant Modification and Expansion	220	m ³ /h
		Secondary Brine Purification	20	m ³ /h
		Chlorine Processing (turn-key-project)	120	tpd
1981-90				
Germany	Mercedes Benz AG (Automobiles)	Recycling of Process Water, Recovery of Metals, Wastewater Treatment		
Germany	BASF, Ludwigshafen	Water Effluent Treatment (Study)		
Pakistan	Sind Alkalies, Karachi	SALEX-B Salt Upgrading Plant	40	tph
Switzerland	Leica AG (Optical Instruments)	Storage and Handling of Hazardous Chemicals		
Spain	Energia e Industrias Aragonesas, S.A., Huelva	SALEX-B Salt Upgrading Plant	130	tph
South Korea	Han-Yang Chemicals Corp. Ltd., Ulsan	Chlorine Liquefaction, Storage and Filling	180	tpd
United States of America	Martin Marietta (Defense Contractor)	Recycling of Process Water, Recovery of Metals, Wastewater Treatment		
Switzerland	Ronda SA (Swatches)	Recycling of Process Water, Recovery of Metals, Wastewater Treatment, Storage and Handling of Hazardous Chemicals		
Liechtenstein	Hilti AG (Fastening Systems)	Storage and Handling of Hazardous Chemicals		
Sweden	Ericsson AG (Telecommunication)	Recycling of Process Water, Recovery of Metals, Wastewater Treatment		
Finland	Oras OY (Valves & Fittings)	Recycling of Process Water, Recovery of Metals, Wastewater Treatment		
India	Southern Petrochemicals Industries Corporation Ltd., Madras	SALEX-C Salt Upgrading Plant	40	tph
India	VXL India Ltd. Saurashtra Chemicals, Porbandar	SALEX-C Salt Upgrading Plant	100	tph

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Country	Customer	Plant (Description)	Capacity	
Egypt	Egyptian Petrochemical Company, Alexandria	SALEX-C Salt Upgrading Plant	25	tph
Switzerland	Cellulosefabrik Attisholz	Sodium Hypochlorite Solution	24	tpd Cl ₂
Egypt	Misr Chemical Industries S.A.A., Alexandria	Expansion of H.T. Switchgear and Rectifier Plant	52.5 100	kA V
India	Gujarat Alkalies and Chemicals Ltd., Baroda	SALEX-C Salt Upgrading Plant	40	tph
-	Confidential Client	Chlorine Scrubbing and Compression Plant	110	tpd
South Africa	Paperconsult Ltd. (PAG)	Expert Consulting for Chlorine, Caustic Soda and Chlorine Dioxide Manufacture		
Egypt	Misr Chemical Industries S.A.A., Alexandria	Supervision Services for Operation of Chlorine/Caustic Soda Plant		
Yugoslavia	Tovarna Kemicnih Izdelkov, Hrastnik	Survey and Report on Modernisation of Caustic Soda/Chlorine Manufacturing Plant	70	tpd
Egypt	SNIP Rakta, El Tabia	Water Demineralisation	50	m ³ /h
Iraq	Pulp and Paper Factory, Basrah	Chlorine Compression	10	tpd
Sri Lanka	National Development Bank, Colombo	Evaluation of Feasibility Study on Caustic/Chlorine Manufacture in Sri Lanka		
Zambia	T.A.P. Building Products Ltd. Lusaka	Survey and Report on Caustic/Chlorine Manufacture in Zambia		
Chile	Cia. Manufacturera de Papeles y Cartones, Laja	NaCl-Electrolysis (expansion)		
Kuwait	Petrochemical Industries Co.	NaCl-Electrolysis Chlorine Cooling Effluent Demercuration and Distillation	6 6 3	tpd tpd m ³ /h
Iran	Ministry of Energy Tehran Regional Water Board	Ferric Chloride Solution (Expansion) Dissolving Station	10 1	tpd Unit
Portugal	Salexpor Ltd., Olhao	SALEX-RT Salt Refining Plant	by 15	tph

KREBS SWISS Technology Customers Worldwide

Country	Customer	Plant (Description)	Capacity	
Portugal	União Industrial Textil e Quimica UNITECA, Oporto	NaCl-Electrolysis	65	tpd
		Brine Treatment	220	m ³ /h
		Chlorine Drying and Liquefaction	120	tpd
		Electrical Installations (turn-key-project)		
		Revamping Chlorine Drying and Liquefaction	60	tpd
		Decomposition of Nitrogen Trichloride		
India	Calico-Mills Chemicals Division Anik-Chembur, Bombay	Tetra-Synthesis	32	tpd
		Trichloroethylene Distillation	24	tpd
1971-80				
India	Hindustan Paper Corp. Ltd. Kerala Newsprint Project	Chlorine Vaporisation	2x2	t/h
India	Hindustan Paper Corp. Ltd. Nagaland Pulp and Paper Company Ltd.	Calcium Hypochlorite	5	tpd Cl ₂
Egypt	Abu Zaabal Company Heliopolis/Cairo	Chlorates and Perchlorates		
Burma	Government of the Union of Burma Paper and Chemical Industries Corp.	Major Assignment for Technical Consulting, Management, Personnel Training and Development of Manufacture of Basic Chemicals		
India	R.B. Engineering Pvt. Ltd., Bombay	Potassium Persulphate		
India	Rohtas Industries Ltd., Dalmianagar, Bihar	Chlorine Vaporisation	2x625	kg/h
Yugoslavia	INCEL, Banja Luka	NaCl-Electrolysis	82	tpd
		Brine Treatment	110	m ³ /h
		Chlorine Drying and Cooling	67	tpd
		Chlorine Compression	35	tpd
		Chlorine Liquefaction	50	tpd

KREBS SWISS Technology Customers Worldwide

Country	Customer	Plant (Description)	Capacity	
Egypt	Société Nationale de l'Industrie du Papier Rakta, El Tabia	Chlorine Storage	30	t
		Chlorine Vaporisation	12	tpd
		Calcium Hypochlorite	9	tpd Cl ₂
India	Andhra Sugars Ltd., Tanuku, Andhra Pradesh	NaCl-Electrolysis (expansion)	36	tpd
		Chlorine Compression	75	tpd
		Hydrochloric Acid	15	tpd
Egypt	Misr Chemical Industries S.A.A. El Mex, Alexandria	NaCl-Electrolysis incl. Rectifier	55	tpd
		Brine Treatment	220	m ³ /h
		Salt Washing	20	tph
		Chlorine Drying and Liquefaction	55	tpd
		Hydrochloric Acid	30	tpd
		Calcium Hypochlorite Solution	6	tpd Cl ₂
		Caustic Soda Fusion	30	tpd
		High Tension Substation		
		Water Supply and Re-cooling		
		Auxiliary Installations (turn-key-project)		
India	Kerala Chlorates and Chemicals Ltd., Cochin	Potassium Chlorate	3.5	tpd
Australia	Australian Newsprint Mills Ltd., Boyer, Tasmania	NaCl-Electrolysis (expansion)	by 3.6	tpd
		Hydrochloric Acid	by 5	tpd
Germany	VEB Zellstoff- und Papierfabrik, Blankenstein	Sodium Chlorate Electrolysis	7.5	tpd
		Chlorine Dioxide	4.2	tpd
		Hydrochloric Acid	7.2	tpd
India	Mettur Chemical and Industrial Corp. Ltd., Mettur Dam	NaCl-Electrolysis (expansion)	50	tpd
		Brine Vacuum Dechlorination	220	m ³ /h
		Chlorine Cooling and Compression	130	tpd
Iraq	Ministry of Industry, Pulp and Paper Factory, Basrah (via Sulzer as General Contractor)	NaCl-Electrolysis	18	tpd
		Chlorine Liquefaction	8	tpd
		Hydrochloric Acid	13	tpd
		Sodium Hypochlorite Solution	7	tpd Cl ₂
		Auxiliary Installations		
India	National Newsprint and Paper Mills Ltd., Napanagar	NaCl-Electrolysis	10	tpd
		Chlorine Liquefaction (expansion)	by 8.5	tpd
Kuwait	Petrochemical Industries Co.	Survey and Project Study on Development of Chlorine Industry		

KREBS SWISS Technology Customers Worldwide

Switzerland	Elektrochemie Turgi	Sodium Hypochlorite		
Country	Customer	Plant (Description)	Capacity	
India	Jayshree Chemicals Ltd., Calcutta	Liquid Sulphur Dioxide	15	tpd
		Sodium Hydrosulphite (Amalgam Process)	10	tpd
Iraq	Rayon State Co., Baghdad	Modernisation and Capacity Expansion of Brine Treatment Plant	by 40	m ³ /h
		NaCl-Electrolysis (expansion)	5	tpd
		Chlorine Liquefaction	10	tpd
		Carbon Disulphide	10	tpd
India	Travancore-Cochin Chemicals Ltd., Udyogamandal	Sodium Sulphide	4/7	tpd
		Liquid Sulphur Dioxide	15	tpd
Yugoslavia	Elektrobosna Jajce, Jajce/Bosnia	NaCl-Electrolysis (expansion)	12	tpd
		Brine Treatment	65	m ³ /h
		Chlorine Drying	36	tpd
Iran	Tehran Regional Water Board, Tehran	Administration Building (Engineering and Architectural Design)		
India	Kanoria Chemicals and Industries Ltd., Renukoot/Calcutta	NaCl-Electrolysis (expansion)	by 18	tpd
Kuwait	Ministry of Electricity and Water, Government	NaCl-Electrolysis (expansion)	by 15	tpd
		Chlorine Liquefaction	15	tpd
		Sodium Hypochlorite Solution	6	tpd Cl ₂
		Auxiliary Installations (turn-key-project)		

1961-70

Switzerland	Refonda AG, Niederglatt	Desalination of Slag from Aluminium Remelting with Salt Recovery (Engineering)	40	tpd
Burma	Government of the Union of Burma Paper Factory and Chemical Industries Board Rangoon	NaCl-Electrolysis incl. Rectifier	10	tpd
		Chlorine Drying and Liquefaction	10	tpd
		Hydrochloric Acid	2.5	tpd
		Calcium Hypochlorite Solution		
		Stable Bleaching Powder	50	tpd
		Lime Kiln	50	tpd
		Lime Hydration	80	tpd
		Precipitated Calcium Carbonate	10	tpd
		Writing Chalk	4.5	tpd
		Table Salt	10	tpd
		Sulphuric Acid Reconciliation Auxiliary Installations (turn-key-project)		

KREBS SWISS Technology Customers Worldwide

Country	Customer	Plant (Description)	Capacity	
Kuwait	Ministry of Electricity and Water, Government	NaCl-Electrolysis incl. Rectifier	15	tpd
		Chlorine Drying and Liquefaction Auxiliary Installations (turn-key-project)	15	tpd
Germany	Kaiser-Preussag Aluminium GmbH, Voerde	Chlorine Storage	30	t
		Chlorine Evaporation	150	kg/h
		Chlorine Absorption		
Germany	Deutsche Advance Produktion GmbH, Lampertheim	Chlorine Storage	30	t
		Chlorine Evaporation	2x125	kg/h
Rumania	Combinat Turnu Severin	Sodium Chlorate Electrolysis Chlorine Dioxide Sodium Hypochlorite Solution	3.5	tpd
Columbia	Banco de la Republica Planta de Soda	Sodium Sulphide Reaction	8	tpd
		Sodium Sulphide Concentration	8	tpd
Iran	Tehran Regional Water Board, Tehran	NaCl-Electrolysis incl. Rectifier	8.5	tpd
		Chlorine Drying and Liquefaction	6	tpd
		Ferric Chloride Solution	7	tpd
		Hydrochloric Acid	3.2	tpd
		Caustic Soda Fusion	10	tpd
		Sodium Hypochlorite Solution		
		Auxiliary Installations (turn-key-project)		
Finland	Oulu Osakeyhtiö, Oulu	Sodium Chlorate Electrolysis Chlorate Crystallisation	24	tpd

KREBS SWISS Technology Customers Worldwide

Country	Customer	Plant (Description)	Capacity	
Norway	A.S. Borregaard, Sarpsborg	Survey and Project Report on Expansion of NaCl-Electrolysis		
Australia	Australian Newsprint Mills Ltd., Boyer, Tasmania	NaCl-Electrolysis (expansion) incl. Rectifier Calcium Hypochlorite Solution	8	tpd
Belgium	BASF Antwerpen N.V. Antwerp	NaCl-Electrolysis incl. Rectifier Chlorine Drying and Compression Chlorine Liquefaction Hydrogen Purification Sodium Hypochlorite Solution Auxiliary Installations (turn-key-project)	250 240 100 7	tpd tpd tpd tpd
Germany	Wacker-Chemie GmbH, Burghausen	NaCl-Electrolysis (Engineering)	150	tpd
Norway	Norsk Hydro-Elektrisk Kvaelstofaktieselskab, Oslo/Herøya	NaCl-Electrolysis (Engineering)	85	tpd
Switzerland	Cellulosefabrik Attisholz AG, Attisholz	Modernisation and Expansion of NaCl-Electrolysis	by 20	tpd
Rumania	Combinat Dej	Sodium Chlorate Electrolysis Chlorine Dioxide Sodium Hypochlorite Solution	7.2 4	tpd tpd
Yugoslavia	Fabrika Celuloze i Viskoze, Banja Luka	Sodium Chlorate Electrolysis Chlorine Dioxide	2.6 1.5	tpd tpd
Chile	Cia. Manufacturera de Papeles y Cartones, Laja	NaCl-Electrolysis (expansion) incl. Rectifier Chlorine Drying and Liquefaction	by 15 15	tpd tpd
Yugoslavia	Elektrobosna Jajce, Jajce/Bosnia	NaCl-Electrolysis (expansion)	by 3.6	tpd
Yugoslavia	Jugovinil Kastel Sucurac/Split	NaCl-Electrolysis (expansion) Vinylchloride Distillation PVC Compounding Equipment	by 41 65	tpd tpd
India	Titaghur Paper Mills Co., Ltd., Calcutta	Chlorination Equipment	3	tpd
India	Fertilisers and Chemicals Travancore Ltd, Udyogamandal	Ammonium chloride (expansion)	by 40	tpd

KREBS SWISS Technology Customers Worldwide

Country	Customer	Plant (Description)	Capacity	
India	J.K. Chemicals Ltd., Thana/Bombay	NaCl-Electrolysis (expansion)	by 1.2	tpd
India	Century Chemicals Kalyan/Bombay	NaCl-Electrolysis	30	tpd
		Chlorine Drying and Liquefaction	10	tpd
		Hydrochloric Acid	30	tpd
		Calcium Hypochlorite Solution		
India	Kanoria Chemicals and Industries Ltd., Renukoot/Calcutta	NaCl-Electrolysis	75	tpd
		Chlorine Drying and Liquefaction	30	tpd
		Hydrochloric Acid	20	tpd
		Caustic Soda Fusion	10	tpd
		Calcium Hypochlorite Solution		
Russia	Techmashimport, Moscow	Bleaching Powder (Calcium Hypochlorite 70 %)	30	tpd
Spain	Union Espaniola de Explosivos S.A., Madrid/Guardo	Monochloroacetic Acid and Sodium Salt (Project Study and Engineering)	3	tpd
Argentina	Cia. Quimica S.A., Buenos Aires	Modernisation and Expansion of NaCl-Electrolysis	by 20	tpd
		KCl-Electrolysis (Engineering)	4	tpd
Norway	A.S. Borregaard, Sarpsborg	Modernisation and Expansion of NaCl-Electrolysis	by 80	tpd
		Sodium Hypochlorite Solution	25	tpd Cl ₂
India	National Newsprint and Paper Mills, Neapanagar	NaCl-Electrolysis incl. Rectifier	11	tpd
		Chlorine Drying and Liquefaction	3	tpd
		Hydrochloric Acid	1	1
		Sodium Hypochlorite Solution	8	tpd Cl ₂
India	Travancore-Cochin Chemicals Ltd., Udyogamandal	NaCl-Electrolysis	10	tpd
		Sodium Sulphide Reaction	2.5	tpd
		Sodium Sulphide Concentration	2.5	tpd
		Caustic Soda Fusion	60	tpd
		Salt Recovery	10	tpd
India	Calico-Mills Chemicals Division, Anik-Bhembur, Bombay	NaCl-Electrolysis	70	tpd
		Chlorine Drying and Compression	85	tpd
		Chlorine Liquefaction	30	tpd
		Caustic Soda Fusion	70	tpd
		Hydrochloric Acid	30	tpd
		Chlorine Recovery	3.5	tpd
		Sodium Hypochlorite Solution		
		Trichloroethylene	15	tpd
		Perchloroethylene	8	tpd

KREBS SWISS Technology Customers Worldwide

(Acetylene Process)

upto 1960

Country	Customer	Plant (Description)	Capacity	
France	Cie. Française des Matières Colorantes, Villers-St-Paul	Sodium Hydrosulphite (Amalgam Process)	7	tpd
South Korea	Paik Kwang Trading Co. Ltd., Seoul	Chlorine Drying Compression and Liquefaction	1.5	tpd
India	Tata Chemicals Ltd., Mithapur	Chlorine Drying	25	tpd
Yugoslavia	Electrobosna Jajce, Jajce/Bosnia	NaCl-Electrolysis Chlorine Drying and Liquefaction Chlorine Recovery	15 10 1	tpd tpd tpd
Kuwait	Dept. of Electricity, Water and Gas, Government	NaCl-Electrolysis incl. Rectifier Hydrochloric Acid Water Chlorination Auxiliary Installations (turn-key-project)	6 1 2.5	tpd tpd tpd
Egypt	Misr Chemical Industries S.A.A., Alexandria	Survey and Project Study for complete Electrolysis Plant (consultancy)	50	tpd
Australia	Australia Newsprint Mills Ltd., Boyer, Tasmania	NaCl-Electrolysis incl. Rectifier Hydrochloric Acid Calcium Hypochlorite Solution	6 0.6	tpd tpd
England	Stavely Iron and Chemical Co., Chesterfield	Survey and Project Report on Development of NaCl-Electrolysis Plant	45	tpd
India	J.K. Chemicals Limited, Thana/Bombay	NaCl-Electrolysis incl. Rectifier Chlorine Drying and Liquefaction Hydrochloric Acid Sodium Hydrosulphite Sulphur Dioxide Calcium Hypochlorite Solution Auxiliary Installations	6.5 6.5 3 5 7	tpd tpd tpd tpd tpd
Chile	Cia. Manufacturera de Papeles y Cartones, Laja	NaCl-Electrolysis Chlorine Drying and Compression Hydrochloric Acid Sodium Chlorate Electrolysis Chlorine Dioxide	12 12 3 1.5 0.75	tpd tpd tpd tpd tpd

KREBS SWISS Technology Customers Worldwide

Calcium Hypochlorite Solution

Country	Customer	Plant (Description)	Capacity	
Finland	Oulu Osakeyhtiö, Oulu	NaCl-Electrolysis	20	tpd
		Chlorine Drying and Liquefaction	20	tpd
		Caustic Soda Fusion	15	tpd
		Hydrochloric Acid	0.3	tpd
		Calcium Hypochlorite Solution		
India	Calico-Mills Chemicals Division, Anik-Chembur, Bombay	NaCl-Electrolysis	13	tpd
		Chlorine Drying and Liquefaction	9	tpd
		Hydrochloric Acid	3	tpd
		Sodium Hypochlorite Solution		
India	Mettur Chemical and Industrial Corp. Ltd., Mettur Dam	Chlorine Drying	35	tpd
India	Orient Paper Mills Ltd., Brajrajnagar	NaCl-Electrolysis incl. Rectifier	9	tpd
		Chlorine Drying and Compression	9	tpd
		Hydrochloric Acid	0.3	tpd
		Calcium Hypochlorite Solution		
India	Travancore-Cochin Chemicals Ltd., Udyogamandal	Chlorine Drying	35	tpd
		Sodium Hydrosulphite (Amalgam Process)	3.5	tpd
Iran	Tehran Water Board, Tehran	NaCl-Electrolysis incl. Rectifier	3	tpd
		Chlorine Drying and Liquefaction	1.5	tpd
		Caustic Soda Fusion	4	tpd
		Ferric Chloride Solution	3.2	tpd
		Hydrochloric Acid	1	tpd
		Auxiliary Equipment (turn-key-project)		
Taiwan	Taiwan Alkali Company Ltd., Kaohsiung	Engineering for Modernisation of NaCl-Electrolysis Bleaching Powder Plant (Calcium Hypochlorite 70 %)	5	tpd
India	Fertilisers and Chemicals Travancore Ltd. Udyogamandal	Ammoniumchloride	25	tpd
India	Travancore-Cochin Chemicals Ltd., Udyogamandal	NaCl-Electrolysis incl. Rectifier	47.5	tpd
		Hydrochloric Acid	50	tpd
		Chlorine Absorption		

KREBS SWISS Technology Customers Worldwide

Norway	Norsk Hydro-Elektrisk, Kvaestofaktieselskab, Oslo/HerØya	Hydrogen Chloride Synthesis		
		Vinylchloride Synthesis		
		Polyvinylchloride Polymerisation	9	tpd
		Trichlorethylene	5	tpd
		Caustic Soda Fusion	15	tpd

Country	Customer	Plant (Description)	Capacity	
Yugoslavia	Jugovinil, Kastel- Sucurac/Split	NaCl-Electrolysis incl. Rectifier	14	tpd
		Chlorine Drying and Liquefaction	14	tpd
		Caustic Soda Fusion	15	tpd
		Hydrochlorid Acid	15	tpd
		Sodium Hypochlorite Solution		
Switzerland	Cellulosefabrik Attisholz AG, Attisholz	NaCl-Electrolysis incl. Rectifier	14	tpd
		Chlorine Drying and Liquefaction	14	tpd
		Calcium Hypochlorite Solution		
		Sodium Chlorate Electrolysis	1.5	tpd
		Chlorine Dioxide	1	tpd
		Hydrochloric Acid	3	tpd