

RÜEGER S.A. - Switzerland	INTERNATIONAL PROJECTS REFERENCE LIST (since 1995) for temperature sensors, multipoints thermocouples, thermometers & manometers			
Enduser	Country	Project Name	Engineering / Customer	Year of Delivery
NIOC - Pars Oil & Gas	Iran	South Pars Onshore, phase 4&5 (Assaluyeh)	Agip Iran - Hyundai	2004
GACIC	Saudi Arabia	BDO Facility	Aker Kvaerner NL	2004
Gacic SA	Saudi Arabia	Gacic BDO Facility Plant 75000TPA	Aker Kvaerner NL	2004
Gulf Power generation	Thailand	Kaeng Khoi	Alstom boiler Australia	2006
Sichuan Baima CFB Power	China	Baima LFC Boiler	Alstom Boiler&Environment / F	2004
HC Energia (Portugal)	Spain	Soto de Ribera / GT26	Alstom CH	2007
Abruzzo Energia	Italy	Gissi (Plant)	Alstom Power Baden / CH	2007
Gas Natural Spain	Spain	Cartagena GT26	Alstom Power Switzerland	2005
Abruzzo Energia	Italy	Gissi (Boiler)	Alstom Power Winsor / USA	2007
Energia	Italy	Modugno (Boiler)	Alstom Power Winsor / USA	2007
Amoco Chemical (M) Sdn Bhd	Malaysia	Plant Services	Amoco Chemical (M) Sdn Bhd	2002
ARL Tenaga Sdn Bhd	Malaysia	Power Plant, 50 MW IPP	ARL Tenaga Sdn Bhd	2001
ACHEMA	Lituania	ACHEMA 1	Auregis	2006
BASF	Germany	Projekt NPC	BASF	2005
Aramco	Saudi Arabia	Khursaniyah	Bechtel UK / Technip I	2006
Saudi Aramco	Saudi Arabia	Khursaniyah	Bechtel UK / Technip I	2007
Titan Petrochemical (M) Sdn Bhd	Malaysia	TPC-2 BFW Injection Facilities	Best Wide / Malaysia	2005
Lurgi Bipronaft Poland	Poland	Hydrocomplex Glimar	Cegelec D / Lurgi Poland	2004
CNPC Lanzhou Petrochemical Company	China	Expansion of Ethylene Unit	China Huangqiu	2006
Dragon Power	China	Kazakhstan - China Crude Oil Pipeline	China Petroleum Pipeline Eng.Corp.	2006
Dragon Power	China	Kazakhstan - China Crude Oil Pipeline	China Petroleum Pipeline Eng.Corp.	2006
Kazakhstan-China Pipeline Limited	China	Kazakhstan - China Crude Oil Pipeline	China Petroleum Pipeline Eng.Corp.	2006
Kazakhstan-China Pipeline Limited	China	Kazakhstan-China Crude Oil Pipeline Project	China Petroluem Pipeline Engineering Corp.	2005
CTCI Corporation	Taiwan	LNG Receiving Terminal	Chinese Petroleum Corporation	2005
PDVSA Petroleos y Gas	Venezuela	New Refinery: FCC, RFCC, CCR (VAL)	Chiyoda / J, JGC / J, Jantesa & Vepica	2002
Badak NGL co.	Indonesia	DCS Retrofit project (PGR)	Chiyoda-IKPT / Indonesia	2001
Petrochina International Jabung Ltd	Indonesia	Betara Complex Development (BCD)	Chiyoda-IKPT / Indonesia	2004
Badak NGL co.	Indonesia	LPG storage, 3rd dock	Chiyoda-IKPT / Indonesia	1998
Thanlyin Refinery	Myanmar	COD-B Upgrading project	Cosmo / J	1998
Chinese Petroleum Corporation (CPC)-Taoyuan	Taiwan	Sulfuric Acid Alkylation plant	CTCI / Taiwan, JGC / J	2002
Phillips Petrol. Sing. Chem.	Singapore	Petrochem. Compl. Exp (PPSC-2)	Daelim / ROK	1996
Lebedinski Mining	Russia	Lebedinski Mining	DSD Germany	1997
Enel Produzione S.p.A Montalto di Castro	Italy	Power Generation plant	Enel Produzione S.p.A.	2006
Fina Raffinadeij Antwerpen	Belgium	Aromatics plant	Fluor Daniel / NL	1999
Yanbu National Petrochemical Company	Saudi Arabia	A2IT Yansab Petrochemical Complex	Fluor transworld	2007

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Formosa Plastics Chemicals Co	Taiwan	Olefin 3	Formosa Group / Taiwan	2005
Formosa Plastics Chemicals Co	Taiwan	Olefin 2	Formosa Group / Taiwan	1999
Hellenic Petroleum - Aspropyrgos	Greece	CCR unit 3300 Revamping project	Foster Wheeler / I	2004
Equate (PIC with Union Carbide)	Kuwait	Ethylene Glycol plant	Foster Wheeler / I	1996
Gansu Yinguang Chemical Industry Group Co	China	TDI Technical Reform Project	Gansu Nocinco Yinguang / China	2004
Givaudan Genève	Switzerland	Extension	Givaudan	2003
Unggul Indah Corp	Indonesia	Alky-Benzene plant	Hyundai / ROK	1997
Badak NGL co.	Indonesia	DCS Retrofit project (PGR)	IKPT-Chiyoda / Indonesia	2001
Petrochina International Jabung Ltd	Indonesia	Betara Complex Development (BCD)	IKPT-Chiyoda / Indonesia	2004
Badak NGL co.	Indonesia	LPG storage, 3rd dock	IKPT-Chiyoda / Indonesia	1998
Badak NGL co.	Indonesia	LNG plant, train H	IKPT-Kellogg / Indonesia	1998
Syrian Petroleum Co.	Syria	Jbissa Gas Plant Expansion	IndustrialExport / Romania	1996
NIOC-Offshore	Iran	Aboozar Offshore Platforms	IOEC / Iran	1999
Sonatrach GP1Z - Bethioua	Algeria	GPL, phase 2	Ishikawajima (IHI) / J	1997
Essent Energie Productie BV	The Netherlands	Essent 1	Istec	2006
Polytama Propindo	Indonesia	Polypropylene plant	JGC / J	1994
Aramco in Hawiyah	Saudi Arabia	Hawiyah Natural Gas Liquids (NGL) Recovery	JGC / J	2006
Saudi Aramco in Hawiyah	Saudi Arabia	Hawiyah Natural Gas Liquids (NGL)	JGC / J	2007
Sonatrach - Hassi Messaoud	Algeria	LPG Recovery Plant	JGC / J	1995
China Res. Petr. & Chem.	Hong Kong	Petroleum product terminal	JGC / J	1996
Rasgas (Ras Laffan Liquefied Natural Gas Co)	Qatar	LNG Plant	JGC / J	1997
Aramco in Haradh	Saudi Arabia	Gas Processing plant	JGC / J	2002
PDVSA, Mobil Oil, Veba Oil	Venezuela	Crude Oil Processing plant (Cerro Negro)	JGC / J	1999
Chinese Petroleum Corporation (CPC)-Taoyuan	Taiwan	Sulfuric Acid Alkylation plant	JGC / J - CTCI / Taiwan	2002
PDVSA Petroleos y Gas	Venezuela	New Refinery: FCC, RFCC, CCR (VAL)	JGC / J, Chiyoda / J, Jantesa & Vepica	2002
Asia Silicones Monomer Ltd	Thailand	G1 project	JGC / Philippines	2003
Petrovietnam	Vietnam	Dung Quat Refinery	JGC / Technip / Tecnicas Reunidas	2007
Oleochemical Plants (Indonesia & China)	Malaysia	Project C149, C152, C155, C156, C159, C161	JJE Lurgi / Mal	2003
Equate (PIC with Union Carbide)	Kuwait	Ethylene plant	KBR / US	1996
Badak NGL co.	Indonesia	LNG plant, train H	KBR / US -IKPT / Indonesia	1998
Nippon Jordan Fertilizer Co	Jordan	Fertilizer plant	Krebs / F	1996
Midor (Middle East Oil Refinery)	Egypt	New Refinery	KTI / D	1999
GASCO	United Arabian Emirates	Sulphur Recovery Unit	KTI / I	2000
Polysindo Ltd	Indonesia	Polycondensation plant	Kvaerner Process / D	1995
LG Chemical Co.	Korea	Oxo Alcohol Project	LG Engineering / ROK	1996

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Thai Plastics & Chemicals	Thailand	VCM Expansion plant	LG Engineering / ROK	1997
Borzuyeh Petrochemical Company (BPC)	Iran	Aromatics plant (AR4)	LG Engineering / ROK, Toyo / J - Sazeh / Ira	2002
Jilin Chemical Industrial Group (JCIG)	China	Furnace for the Ethylene plant	Linde / D	2001
Borsodchem	Hungary	H2 - CO project in Kazincbarcika	Linde / D	2000
Elf-Thyssen in Leuna	Germany	RIG Raffinerie 2000	Linde / D	1997
Enichem - Porto Maghera	Italy	UTL project	Linde / D	2001
Bayer	Germany	H2 - CO project in Brunsbüttel	Linde / D	2000
Shell	The Netherlands	Buggenum-1	Linde D	2006
PetroChina Chang Qing Petrochemical Company	China	Hydrocracking	Luoyang Petrochemical	2006
Kharg Petrochemical Co.	Iran	Methanol 2 Plant	Lurgi / A - Pidec / Iran	1998
Smelting Co.	Indonesia	Sulphuric Acid plant (IGS)	MHI-MCEC / J	1997
CNTIC	China	Sulphuric Acid plant (P59-1)	MHI-MCEC / J	1996
Petronas in Kedah	Malaysia	Fertilizer plant (PFK)	MHI-MCEC / J	1997
Shahid Tondgouyan Petrochemical Co	Iran	PTA-2 plant	MHI-MCEC / J, Chagalesh / Iran	2002
Kaltim	Indonesia	Urea & Ammonia plant (K-4)	MHI-MCEC / J, Rekayasa / Indon.	2001
Sohar International Urea & Chemical Industries (SIUCI)	Oman	Sohar Fertilizer	Mitsubishi K.K. (MKK) / J	2006
Sohar International Urea & Chemical Industries (SIUCI)	Oman	Sohar Fertilizer	Mitsubishi K.K. (MKK) / J	2006
Denka	Singapore	GPPS plant	Mitsubishi K.K. (MKK) / J	1996
Beijing Yanshan Petrochemical Co	China	LDPE plant	Mitsui (MES) / J	2000
National Petrochemical Company (NPC)	Iran	Ilam High Density Polyethylene (HPDE)	Mitsui (MES) / J	2006
National Petrochemical Company (NPC)	Iran	Ilam High Density Polyethylene (HPDE)	Mitsui (MES) / J	2006
Tiszai Vegyi Kombinát (TVK)	Hungary	HDPE plant (PE-4 CX)	Mitsui (MES) / J	2003
Siam Mitsui PTA Co., Ltd	Thailand	PTA plant (SMPC-R1)	Mitsui (MES) / J	1997
NIGC (National Iranian Gas Co.)	Iran	Khangiran Gas Refinery, phase 2	NIGC / Iran	1998
Idemitsu	Malaysia	Styrene Monomer /Ethyl Benzene	Niigata / J	1996
NPC (National Petrochemical Co.)	Iran	Gachsaran Oil field (NGL 1200, 1300)	OIEC-PIDMCO / Iran	2001
Organik Kimya	Netherlands	Rotterdam Production Facility	Organik Kimya Turkey	2005
Organik Kimya	The Netherlands	Rotterdam Production Facility	Organik Kimya Turkey	2005
Organik Kimya	Turkey	2 Extension polymer production Facility Istanbul	Organik Kimya Turkey	2005
Gdansk Refinery	Poland	Sulphur Recovery Plant	Parsons / UK	1998
Ibn Zahr (Saudi European Petrochemical Co.)	Saudi Arabia	Polypropylene plant (PP-2)	Parsons / US	1999
Petrokemia Gdansk	Poland	Orlen Gdansk Rfinery	Petrokemia Poland	2005
Petrokemia Gdansk	Poland	Orlen Gdansk Rfinery	Petrokemia Engineering Poland	2005
NIOC-Abadan Refinery	Iran	Expansion Project	Pidec / Iran	2004
Kharg Petrochemical Co.	Iran	Methanol 2 Plant	Pidec / Iran, Lurgi / A	1998

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Rekaya Industri (M) Sdn Bhd	Indonesia	Balongan Blue Sky Project	PT Rekaya/ Ind & Toyo/Jpn	2004
Norsk Hydro	Norway	Oil & Gas Terminal Upgrade	Raytheon / NL	1999
Polysindo Ltd.	Indonesia	PTA Plant	Raytheon / US	1995
Pupuk Iskandar Muda	Indonesia	Urea & Ammonia (PIM 2)	Rekayasa / Indo, Toyo / J	2001
Kaltim	Indonesia	Urea & Ammonia plant (K-4)	Rekayasa / Indon, MHI-MCEC / J	2001
Qatar Petroleum	Qatar	LPG Tanks	Samsung Constr. / ROK	2003
Indian Petrochemicals Corp., Ltd (IPCL)	India	Ethane Propane Recovery Unit	Samsung Eng (SECL) / ROK	1999
China Resources Power Hubei Generating Co., Ltd.	China	Coal Fired Power Plant	Shanghai Advanced Power (SAPPC-Siemens)	2004
Daqing Oil Field Chemical Group	China	Methanol	Shanghai Chemical Design Institute (SCIDI)	2006
Wuxi Sachem	China	Wuxi Sachem High Pure Chemical	Shanghai Haode Trade	2007
Beijing Yanshan Petrochemical Co	China	Coking Project	Sinopec	2006
Hainan Refinery	China	Sulphur Recovery Unit	Sinopec	2006
PetroChina Liaoyang Petrochemical Company	China	Hydrogenation	Sinopec	2006
SINOPEC Shanghai Petrochemical Co. Ltd.	China	Diesel Hydrogenation	Sinopec	2006
Sinopec Qilu Company	China	Qilu MTA of Diesel Hydrogenation	Sinopec Engineering Inc.	2005
Hainan Refinery	China	Sulphur Recovery Unit	Sinopec Engineering Inc.	2006
Sinopec Shanghai Gaoqiao Company Oil Refinery	China	Hydrogenation Project	Sinopec Engineering Inc. / China	2004
Sinopec Yangzi Petrochemical Co. Ltd.	China	Diesel Hydrogenation Project	Sinopec Engineering Inc. / China	2004
Liuzhou Chemical Co., Ltd.	China	Coal Gasification	Sinopec Ningbo	2006
Sinopec Maoming Refining & Chemical Co., Ltd.	China	Maoming Ethylene & Expansion Project	Sinopec Ningbo	2006
Yueyang Sinopec & Shell Coal Gasification Co., Ltd.	China	Coal Gasification	Sinopec Ningbo Engineering Co., Ltd.	2005
Hubei Sinopec & Shell Coal Gasification Co., Ltd.	China	Coal Gasification	Sinopec Ningbo Engineering Co., Ltd.	2005
Liuzhou Chemical Co., Ltd.	China	Coal Gasification	Sinopec Ningbo Engineering Co., Ltd.	2006
Anqing Sinopec & Shell Coal Gasification Co., Ltd.	China	Coal Gasification	Sinopec Ningbo Engineering Co., Ltd.	2005
Shanghai Secco Petrochemical Company Ltd	China	PS, EB & SM Project	Sinopec Shanghai	2004
NIOC	Iran	Caspian Sea Oil Swap Project	Sinopec-China / NIOE&C	2002
Aramco in Haradh	Saudi Arabia	Arabian Light Crude Increment II	Snamprogetti / I	2002
CUF Petronas, Gebeng	Malaysia	Plant Maintenance / Upgrading	Steamline / Malaysia	2005
Petronas Gas Berhad - GPP A	Malaysia	EEI Project (Ethane Extraction Improvement)	Sumatec / Mal	2003
Sumitomo Chemical Co. (SMAG)	Singapore	MMA Polymer & Acrylic Acid	Sumitomo-SCEC / J	1998
Siam Maspium Polymer	Indonesia	PVC plant	Sumitomo-SCEC / J	1997
The Polyolefin Co.	Singapore	GLS, GPS, MTBE plant	Sumitomo-SCEC / J	1996
Bandar Imam Petrochemical Co.	Iran	Paraxylene Plant	Technip	2005
Turkmenbashi Refinery	Turkmenistan	Lube Oil plant	Technip / D	2000
Qatar Petroleum (ChevronPhillips - Total)	Qatar	Ras Laffan Olefin / Polyethylene	Technip / F	2007

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Solvay SA in Lillo	Belgium	High Density PolyEthylene plant	Technip / F	2001
Elf Antar	France	Essences 2000 (Donges)	Technip / F	1999
DSM Polyolefin GmbH (DPO)	Germany	LLDPE & PolyPropylene plant	Technip / F	1999
Bandar Imam Petrochemical Co.	Iran	Paraxylene Plant	Technip / F - Abay / B	1998
BP Chemicals & Elf Atochem: Appryl	Great Britain	Polypropylene Plant (PP3)	Technip / F - Foxboro	1999
Uzbekneftegas	Uzbekistan	Bukhara Refinery	Technip / F, JGC / J	1996
BP Exploration Co., Ltd	Colombia	Cusiana / Cupiagua Full Field Develo.	Technip / I	1998
Isla (part of PDVSA) in Curacao	Dutch Antilles	Isla Refinery Upgrading Project (IRUP)	Technip / I - Jantesa / Venezuela	2001
PEtrokimia Nusantara Interindo	Indonesia	Polyethylene plant	Technip / Mal	1997
Amoco Chemical (M) Sdn Bhd	Malaysia	Kuantan Waste Water Treatment & Debottleneck P	Technip / Mal	2001
Titan Polyethylene Sdn Bhd	Malaysia	High Density PolyEthylene (HDPE) plant	Technip / Mal	1999
Vinyl Chloride (Malaysia)-Kertih	Malaysia	PVC plant	Technip / Mal	1999
GASCO	United Arabian Emirates	Habshan Capacity Enhancement (step 2B)	Technip Abu Dhabi	2005
National Petrochemical Company (NPC / PIDMCO)	Iran	Kharg Olefin	Technip F	2006
National Petrochemical Company (NPC / PIDMCO)	Iran	Kharg Olefin	Technip F	2006
PIDMCO	Iran	Kharg Olefin	Technip France	2006
Aramco	Saudi Arabia	Khursaniyah	Technip I / Bechtel UK	2006
Saudi Aramco	Saudi Arabia	Khursaniyah	Technip I / Bechtel UK	2007
Energia Molise: ABB Power	Italy	Termoli Phase 1	Technip Italy / VA Tech Hydro	2005
Energia Molise: ABB Power	Italy	Termoli Phase 2	Technip Italy / VA Tech Hydro	2005
Petrovietnam	Vietnam	Dung Quat Refinery	Technip KL / Tecnicas Reunidas / JGC	2007
Aramco in Riyadh	Saudi Arabia	Sulfur Recovery Unit	Technip-Abu Dhabi	2003
Petrovietnam	Vietnam	Dung Quat Refinery	Tecnicas Reunidas / Technip / JGC	2007
Basell Polyolefine GmbH	Germany	High Density PolyEthylene plant (NSP1)	Tecnimont / I	2003
Jam Petrochemicha Company	Iran	MEG JAM - 400 KT/Y	Tecnimont Italy	2004
Marun Petrochemical Company (Bandar Imam)	Iran	EO/EG Marun - 400 KT/Y Plant	Tecnimont Italy	2004
BP Exploration Co., Ltd	Colombie	Contrato Marco De Ingenieria	Tipiel	2005
Chem-Y	Germany	Textile plant	Toray / J	1996
Beijing Yanshan Petrochemical Co	China	Ethylene Upgrade plant	Toyo / J	2000
PIC (Petrochemical Industries Corp)	Kuwait	Polypropylene plant (KPP)	Toyo / J	1996
Rayong Olefins Co., Ltd	Thailand	Ethylene, Propylene plant (ROC)	Toyo / J	1998
Thai Caprolactam Ltd	Thailand	Caprolactam (TCL)	Toyo / J	1995
Uzbekneftegas	Uzbekistan	Fergana refinery (UFM)	Toyo / J	1998
Borzuyeh Petrochemical Company (BPC)	Iran	Aromatics plant (AR4)	Toyo / J - LG / ROK - Sazeh / Ira	2002
Pupuk Iskandar Muda	Indonesia	Urea & Ammonia (PIM 2)	Toyo / J - Rekayasa / Indo.	2001

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Cosmo Scientex (M) Sdn Bhd	Malaysia	Urethane Prepolymer Plant (UPP) Project	Toyo / Mal	2002
Pars Oil & Gas Co (POGC): Petropars Ltd	Iran	Onshore Gas field development (SP 6, 7 & 8)	Toyo Kanetsu KK/J	2005
Agip Iran BV (Agip & Petropars)	Iran	Onshore facilities for phases 4 and 5 (A-ONE)	Toyo Kanetsu KK / J	2003
Malaysia LNG Tiga Sdn Bhd	Malaysia	Storage tanks for the LNG plant (MLNG-3)	Toyo Kanetsu KK / J	2001
Petroleum Authority of Thailand	Thailand	Lumlukka Oil depot	Tre Pi / I	1996
Ube Nylon Thailand	Thailand	Nylon 6 Plant (TUN)	Ube / J	1996
Thai Synthetic Rubber Co.	Thailand	Polybutadiene rubber (TUB)	Ube / J	1996
Bayer	Germany	Chlor-Alkali plant	Uhde / D	1998
Abu Qir Fertilizers & Chemical Ind.	Egypt	Ammonia & Urea plant	Uhde / D	1997
PT Trans Pacific Petrochemical Indotama (TPPI)	Indonesia	Tuban Aromatic Project	Wijaya Karya, Adhi Karya, Inti Karya Persada Te	2005
Vietnam National Coal Corp. (Vinacoal)	Vietnam	Cao Ngan CFB Power Plant	Xing Yi Industrial Limited	2004
Vietnam National Coal Corp. (Vinacoal)	Vietnam	Caogan Therma Power Plant Project	Xing Yi Industrial Limited / China	2004
Yemazhe Power Plant	China	Yemazhe Power Plant 2x300 MW Power Plan	Yemazhe Power Plant / China	2004
Nippon Shokubai Co.	Belgium	Super-Absorbing Polymers plant	Yokogawa / J	2000
Hankook Synthetics	Korea	Kopet project	Zimmer / D	1995
Nanima IV	Pakistan	Conversion plant	Zimmer / D	1997
AB ACHEMA Jonava	Lituania	Ammonia production complex No.2	Khimtekhnologiya Institute/Ukraine	2006