































PARTIAL LIST OF REFERENCES
CHINA*
(Multinational Clients)
















CLIENT	Project Manager	Client/Project Manager Type of industry	Location	Description
		PZ CUSSONS , Manufacturer of cosmetics, toiletries and pharmaceuticals	Qingdao	2000 m ³ /day Industrial Wastewater Treatment plant. Major treatment process includes: <ul style="list-style-type: none"> • Coagulation and flocculation • Dissolved air flotation • SBR type of biological
		Hewlett Packard / Bechtel, Parsons Brinckerhoff Manufacturer of inkjet printer and ink-cartridges	Shanghai Pudong	100 m ³ /day Industrial wastewater / domestic sewage treatment plant
		Hagenuk A German manufacturer of refrigeration equipment	Shanghai	Heavy metal treatment (Chromate, CN & F) & ion-exchange recycling. <ul style="list-style-type: none"> • Chemical batch treatment plant • DI water treatment plant
		SmithKline Beecham/Hooker Cockram Manufacturer of pharmaceuticals	Tianjin	100 m ³ /day Industrial wastewater / domestic sewage treatment plant. Water treatment plant
		EATON , Manufacturer of engine valves	Shanghai Pudong	Industrial wastewater treatment by <ul style="list-style-type: none"> • membranes (UF) separation • biological DI water treatment plant
		Johnson & Johnson , Manufacturer of skin-care and pharmaceutical products	Shanghai	Industrial wastewater treatment by <ul style="list-style-type: none"> • membranes (UF) separation • MSABP type of biological
		Chevron / Fluor Daniel Manufacturer of polystyrene product	Zhangjia-gang	300 m ³ /day Industrial wastewater (styrene, oil and COD removal) using: <ul style="list-style-type: none"> • Oil separation • Coagulation and flocculation • Dissolved air flotation • Biological
		Bechtel , Power plant, 660 MW	Meizhou Wan	<ul style="list-style-type: none"> • 26,000 gpd package biological wastewater treatment • Pump Stations











		Caterpillar, Manufacturer of excavators	Xuzhou	Industrial wastewater treatment (oil, BOD and COD) using <ul style="list-style-type: none"> • Coagulation and flocculation • DAF • Biological
		PepsiCo Foods / TRA Manufacturer of potato chip	Shanghai	600 m ³ /day Industrial wastewater treatment plant using <ul style="list-style-type: none"> • Rotary screen • Bio-tower type of biological • Surface aeration type of biological • Clarifiers • Belt filter press sludge dewatering
		ATOFINA/ Raytheon, Manufacturer of hydrogen peroxide (H ₂ O ₂)	Shanghai	200,000 gpd industrial wastewater treatment based on <ul style="list-style-type: none"> • pH neutralization • Biological surface aeration • Fenton Process • Sludge dewatering
		SAIC / Eisenmann, Car part metal finishing facility	Shanghai	<ul style="list-style-type: none"> • Industrial Water Treatment Plant • Batch reactor system for industrial wastewater
		Inco / BECA, A Canadian fine chemical manufacturing plant	Kunshan	Custom-built sludge dewatering filter presses system (Supplier of major equipment, exclude installation)
 		Krupp Stainless steel manufacturing facility A joint venture of ThyssenKrupp Stahl (Germany) and Shanghai Bao Steel	Shanghai Pudong	Industrial wastewater / domestic treatment plant, 250 m ³ /day
		Lederle-Wyeth/Gammon An American pharmaceutical manufacturing plant	Suzhou	Industrial wastewater treatment by SBR type biological process
		SAIC / Eisenmann,	Shanghai Pudong	<ul style="list-style-type: none"> • Industrial Water Treatment Plant • Batch reactor system for industrial wastewater
		SAIC / Eisenmann ,	Shanghai Pudong	<ul style="list-style-type: none"> • Industrial Water Treatment Plant • Batch reactor system for industrial wastewater
		Pepsi-Cola, Tianjin /TRA An American beverage manufacturer	Tianjin	1000 m ³ /day Industrial Wastewater Plant by anaerobic & aerobic process. <ul style="list-style-type: none"> • UASB type of anaerobic process, with gas flare system • Surface aeration process • Clarifiers • Sludge dewatering












		<p>Pepsi-Cola, Beijing / HATCH An American beverage manufacturer</p>	<p>Beijing</p>	<p>20 m³/h Industrial water treatment plant, RO system</p>
<p>BOMBARDIER TRANSPORTATION</p>		<p>BSP - Transportation A Canadian manufacturer of Metro train product</p>	<p>Qingdao</p>	<p>Industrial Water Treatment Plant, 3 m³/h Industrial Wastewater Treatment Plant, for phosphate wastewater</p>
		<p>General Mills / BECA An American Food manufacturer</p>	<p>Nanjing</p>	<p>30 m³/h Industrial water treatment plant.</p>
 <p>The Vital Ingredient :</p>		<p>National Starch An ICI (American) company manufacture Chemicals</p>	<p>Shanghai</p>	<p>Industrial wastewater treatment plant , from average raw water of 20,000 COD to treated 300 COD. Using</p> <ul style="list-style-type: none"> • Coagulation, flocculation and clarifier • Surface aeration process • Multimedia filtration • Sludge dewatering
		<p>Aventis / Technip A French chemical manufacturer A subsidiary of Bayer Co.</p>	<p>Hangzhou</p>	<ul style="list-style-type: none"> • Water treatment Plant Equipment • Cooling tower water system equipment <p>(Process and detailed design, supply of part of the equipment)</p>
		<p>Harrmann Reimer / Bovis Lend Lease A Germany chemical manufacturer, A subsidiary of Bayer Co.</p>	<p>Shanghai Pudong</p>	<ul style="list-style-type: none"> • Industrial Water treatment Plant, Treatment process includes multimedia filter, activated carbon filter, softeners, reverse osmosis, etc. • Industrial wastewater treatment plant, surface aeration biological process
		<p>Grace / IDC A Taiwanese Semi-conductor manufacturer</p>	<p>Shanghai Pudong</p>	<p>600 m³/day sewage treatment plant, (Turn key project including civil construction)</p>
		<p>SINOPEC A Petrochemical plant for Iran</p>	<p>Beijing</p>	<p>500 m³/day Industrial wastewater treatment (Process and detailed design, and supply of all equipment, installation was completed by the client)</p>
		<p>Schattdecor / Zublin A German decoration paper manufacturer</p>	<p>Shanghai Pudong</p>	<p>Industrial wastewater treatment, with treatment process of</p> <ul style="list-style-type: none"> • Coagulation, flocculation and settling • Surface aeration biological process • Ultra-filtration.
		<p>Auchan / HATCH A French supermarket chain</p>	<p>Wuxi</p>	<p>Potable water treatment system</p>









<p>Mobarrakeh Steel</p>		<p>Mobarrakeh Steel Complex An Steel manufacturer in the Middle East</p>	<p>Middle East</p>	<ul style="list-style-type: none"> • 180 m³/hr 2-stage reverse osmosis plant • 120 m³/hr 2-stage reverse osmosis plant
		<p>Eastman Chemical An American Chemical manufacturer</p>	<p>Fu Ning</p>	<p>250 m³/day Industrial wastewater treatment</p> <ul style="list-style-type: none"> • Oil separation • Anaerobic type of biological process • Surface aeration biological process • Clarifiers • UF and nano membrane separation.
		<p>Auchan / HATCH A French supermarket</p>	<p>Hangzhou</p>	<p>Potable water treatment system</p>
		<p>Eastman Chemical An American Chemical manufacturer</p>	<p>Nan Ping</p>	<p>300 m³/day Industrial wastewater treatment,</p> <ul style="list-style-type: none"> • Oil separation • Coagulation and flocculation • Dissolved air flotation • Surface aeration biological process • Clarifier • Multimedia filtration
<p>ThyssenKrupp</p> 		<p>ANSC-TKS Galvanized steel manufacturing facility; A joint venture of ThyssenKrupp Stahl (Germany) and Angang New Steel</p>	<p>Dalian</p>	<p>30 m³/h industrial water treatment plant. Treatment process includes:</p> <ul style="list-style-type: none"> • multimedia filters, • activated carbon filters, • reverse osmosis, • mixed bed exchangers, etc.
<p>ThyssenKrupp</p> 		<p>ANSC-TKS Galvanized steel manufacturing facility A joint venture of ThyssenKrupp Stahl (Germany) and Angang New Steel</p>	<p>Dalian</p>	<p>2550 m³/h industrial cooling water treatment plant, includes:</p> <ul style="list-style-type: none"> • cooling towers, • water treatment facilities, • pump stations and ancillary works.

 <p>ZWILLING J.A.HENCKELS</p>		<p>Zwilling A German kitchenware manufacturer</p>	<p>Shanghai</p>	<p>5 m³/h industrial water/wastewater treatment plant. Treatment process includes</p> <ul style="list-style-type: none"> • multimedia filter, • activated carbon filter, • cation exchangers, • anion exchangers, and all ancillary work.
 		<p>Raisio Chemicals / TOYO A Finish chemical manufacturer</p>	<p>Zhen Jiang</p>	<p>10 m³/h industrial wastewater treatment plant. Treatment process includes</p> <ul style="list-style-type: none"> • Coagulation and flocculation • Clarifier • Multimedia filtration
 		<p>Raisio Chemicals / TOYO A Finish chemical manufacturer</p>	<p>Zhen Jiang</p>	<p>40 m³/h industrial water treatment plant. Treatment process includes</p> <ul style="list-style-type: none"> • multimedia filter, • activated carbon filter, • cation exchangers, • anion exchangers, and all ancillary work.
		<p>Hanglas – SAINT GOBAIN A Franco-Korean glass manufacturing joint venture.</p>	<p>Shanghai</p>	<p>35 m³/h industrial water treatment plant. Treatment process includes</p> <ul style="list-style-type: none"> • multimedia filter, • activated carbon filter, • reverse osmosis • mixed bed exchangers
		<p>Hanglas – SAINT GOBAIN A Franco-Korean joint venture of glass manufacturer</p>	<p>Shanghai</p>	<p>115 m³/h industrial coolant water treatment and recycling system. Treatment process includes</p> <ul style="list-style-type: none"> • primary clarifier • Multi-stage filtration • Secondary clarifier • Sludge dewatering
		<p>JOST A German auto component manufacturer</p>	<p>Shanghai</p>	<ul style="list-style-type: none"> • DI water treatment plant • Batch reactor system for phosphate wastewater
		<p>Rittal A German industrial panel enclosure manufacturer</p>	<p>Shanghai</p>	<p>Industrial wastewater treatment plant for phosphate and e-coat wastewater</p>
 		<p>Firmenich A Swiss flavor manufacturer</p>	<p>Shanghai</p>	<p>Industrial wastewater treatment plant</p> <ul style="list-style-type: none"> • Oil separation • Coagulation, flocculation and DAF • Carbon Adsorption • Sludge Dewatering
 		<p>GE Betz An American / German chemical manufacturer</p>	<p>Wuxi</p>	<p>Industrial wastewater treatment plant, treatment process includes:</p> <ul style="list-style-type: none"> • Oil separation • Coagulation, flocculation and DAF • Fenton Process • Multi-stage biological process





 <p>ThyssenKrupp</p> 	<p>Krupp Stainless steel manufacturing facility A joint venture of ThyssenKrupp Stahl (Germany) and Shanghai Bao Steel</p>	<p>Shanghai Pudong</p>	<p>Oily wastewater treatment plant (Design Stage)</p>	
 <p>中芯国际集成电路制造有限公司 Semiconductor Manufacturing International Corporation</p>	<p>SMIC A Taiwanese chip manufacturer</p>	<p>Shanghai Pudong</p>	<p>Ammonia wastewater treatment plant replacing system installed by others</p>	
	 	<p>US Government / Bechtel USAID Infrastructure Reconstruction Project</p>	<p>Middle East</p>	<p>Three (3) 200 m³/h skid mounted potable water treatment plants (Design and supply)</p>
		<p>Shell / Bechtel</p>	<p>Guangdong</p>	<p>CIP oil separation system</p>
	 	<p>US Government / Bechtel USAID Infrastructure Reconstruction Project</p>	<p>Middle East</p>	<p>Thirteen (13) 200 m³/h skid mounted potable water treatment plants (Design and supply)</p>
	<p>SSACO SODA ASH</p>	<p>Middle East</p>	<p>200 m³/h industrial water treatment plant</p> <ul style="list-style-type: none"> • DI water multi-media pre- treatment • Double pass RO • Brine recovery RO • Lime concentrate stabilization • Physical separation 	
 <p>中芯国际集成电路制造有限公司 Semiconductor Manufacturing International Corporation</p>	<p>SMIC A Taiwanese chip manufacturer</p>	<p>Shanghai Pudong</p>	<p>1200 m³/day Organic wastewater treatment plant Treated water to the cooling towers</p> <ul style="list-style-type: none"> • Fenton Process as pre-treatment • Chemical reduction • Biological process • Multimedia filtration 	
 <p>ThyssenKrupp</p> 	<p>Krupp Stainless steel manufacturing facility A joint venture of ThyssenKrupp Stahl (Germany) and Shanghai Bao Steel</p>	<p>Shanghai Pudong</p>	<ul style="list-style-type: none"> • Neutralization plant for industrial wastewater 	

	<p>Coca Cola An American beverage manufacturer</p>	<p>Zhan Jiang</p>	<p>500 m³/day Industrial Wastewater Plant by anaerobic & aerobic process.</p> <ul style="list-style-type: none"> • UASB type of anaerobic process, with gas flare system • Surface aeration process • Clarifier
	<p>Krupp Stainless steel manufacturing facility A joint venture of ThyssenKrupp Stahl (Germany) and Shanghai Bao Steel</p>	<p>Shanghai Pudong</p>	<ul style="list-style-type: none"> • Cooling Water Plant • Sludge Disposal Equipment • DI Water Recirculation Plant
<p>EISENMANN</p>	<p>Dong Feng BBS / Eisenmann, Car part metal finishing</p>	<p>Binzhou, Shandong</p>	<ul style="list-style-type: none"> • Industrial Waste Water Treatment Plant • Batch reactor system for industrial wastewater
		<p>Ningbo Mitsubishi Chemical Co., LTD Manufacturer of PTA</p>	<p>Ningbo</p> <p>7,800 m³/day wastewater treatment plant</p> <ul style="list-style-type: none"> • Two Stage of aeration with tube diffusers • Primary and secondary clarifiers • Recycled sludge coolers • Chemical flocculation and coagulation • Centrifugal dehydrator
		<p>Suzhou Capsugel Manufacturer of pharmaceuticals</p>	<p>Suzhou</p> <ul style="list-style-type: none"> • 400 m³/day Industrial Water Treatment Plant • MBBR process • Centrifugal Sludge Separation • Biological Odor Control
		<p>US Government / Bechtel USAID Infrastructure Reconstruction Project</p>	<p>Middle East</p> <p>Two (2) 200 m³/h skid mounted potable water treatment package plants (Design Manufacture & supply)</p>
	<p>Bluescope Steel Manufacturer of Cold Rolled Coated Steel</p>	<p>Suzhou</p>	<p>1,400 m³/day Industrial Waste Water Treatment Plant</p> <ul style="list-style-type: none"> • Oil & Grease Separation and removal • Chrome reduction • Lime Stabilization • DAF Clarification • Sand Filtration • Carbon Adsorbtion • Sludge dewatering, handling & Storage
	<p>Bluescope Steel Manufacturer of Cold Rolled Coated Steel</p>	<p>Suzhou</p>	<p>50 m³/hour Industrial Water treatment plant</p> <ul style="list-style-type: none"> • Sand Filtration • Carbon Adsorbtion • Ion exchangers

 	<p>Krupp Stainless steel manufacturing facility A joint venture of ThyssenKrupp Stahl (Germany) and Shanghai Bao Steel</p>	<p>Shanghai Pudong</p>	<p>Cooling Water Circuit for Furnace, 1000 m³/hour</p> <ul style="list-style-type: none"> • Settling and clarifiers • Scale removal by claw type crane • Sand filters • Cooling towers system with chemical feeding • Water reclaim by filter press system
 	<p>Krupp Stainless steel manufacturing facility A joint venture of ThyssenKrupp Stahl (Germany) and Shanghai Bao Steel</p>	<p>Shanghai Pudong</p>	<ul style="list-style-type: none"> • Cooling water circuit for HAPL, 50 m³/hour • Sewage treatment plant, Phase II expansion
 	<p>Degussa / MEC Coating and Colorants A Germany Chemical manufacturer</p>	<p>Shanghai</p>	<p>Industrial wastewater treatment plant</p> <ul style="list-style-type: none"> • Chemical flocculation and coagulation • Clarifier • Biological process with Sequential Batch Reactors (SBR)
	<p>Ministry of Works, Iraq</p>	<p>Iraq</p>	<p>Advanced municipal water treatment, 44,000 m³/day</p>
	<p>Plantronics An American ear-phone manufacturer</p>	<p>Suzhou</p>	<p>Portable water treatment plant</p>
	<p>EATON, Manufacturer of auto components</p>	<p>Shanghai Pudong</p>	<ul style="list-style-type: none"> • Process DI water treatment plant • Process wastewater treatment plant
	<p>Givaudan Manufacturer of flavor</p>	<p>Shanghai Pudong</p>	<p>Industrial wastewater treatment</p> <ul style="list-style-type: none"> • Free oil separation • pH adjustment • Chemical coagulation, flocculation and DAF • Multi-stage biological processes
	<p>L'Oreal Manufacturer of cosmetics</p>	<p>Suzhou</p>	<p>Industrial wastewater treatment</p> <ul style="list-style-type: none"> • Chemical coagulation • Chemical flocculation • DAF • pH adjustment • Biological processes • Sand filters and activated carbon filters

 ThyssenKrupp 	Krupp Stainless steel manufacturing facility A joint venture of ThyssenKrupp Stahl (Germany) and Shanghai Bao Steel	Shanghai Pudong	<ul style="list-style-type: none"> Industrial water circulation system
		Effem Foods An American Food manufacturer	Jiaying Industrial wastewater treatment plant <ul style="list-style-type: none"> Anaerobic/aerobic biological process (design only)
Global Alumina		Sangaredi Alumina Refinery	Guinea Africa Potable water treatment plant
	Xiangtan Chemicals & Pigments Co., LTD	XiangTan Hu Nan	Industrial wastewater treatment, 1000 m3/day <ul style="list-style-type: none"> pH adjustment Chemical coagulation Chemical flocculation Clarifier 2-stage Biological processes
	Volvo Construction Equipment Co.	Shanghai	Industrial wastewater treatment <ul style="list-style-type: none"> pH adjustment Chemical coagulation Chemical flocculation DAF Biological processes
	Novartis Pharma Co., Ltd. / Foster Wheeler Manufacturer of pharmaceuticals	Changsu	Industrial wastewater treatment, 1000 m3/day <ul style="list-style-type: none"> pH adjustment Biological processes with triton aerators Clarifiers
	MANE (Shanghai) Manufacturer of flavor	Shanghai	Industrial wastewater treatment, 75 m3/day <ul style="list-style-type: none"> pH adjustment Chemical coagulation Chemical flocculation DAF Biological processes
 think it. apply it.™ 	Applied Material, Inc./Ch2m Hill Nanomanufacturing Tehnology	Xian	Industrial wastewater treatment <ul style="list-style-type: none"> Wastewater lift stations Acid wastewater neutralization system HF wastewater treatment system Ammonia wastewater treatment system Bulk chemical system

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		<p>Michell Pty Ltd / Hatch</p>	<p>Suzhou</p>	<p>1500 m³/day industrial wastewater treatment</p> <ul style="list-style-type: none"> • pH adjustment • Chemical coagulation • Chemical flocculation • DAF <p>Biological processes</p>
 		<p>Coopertires/Ch2m HILL</p>	<p>Kunshan</p>	<p>30 m³/hour soft water treatment plant</p>