



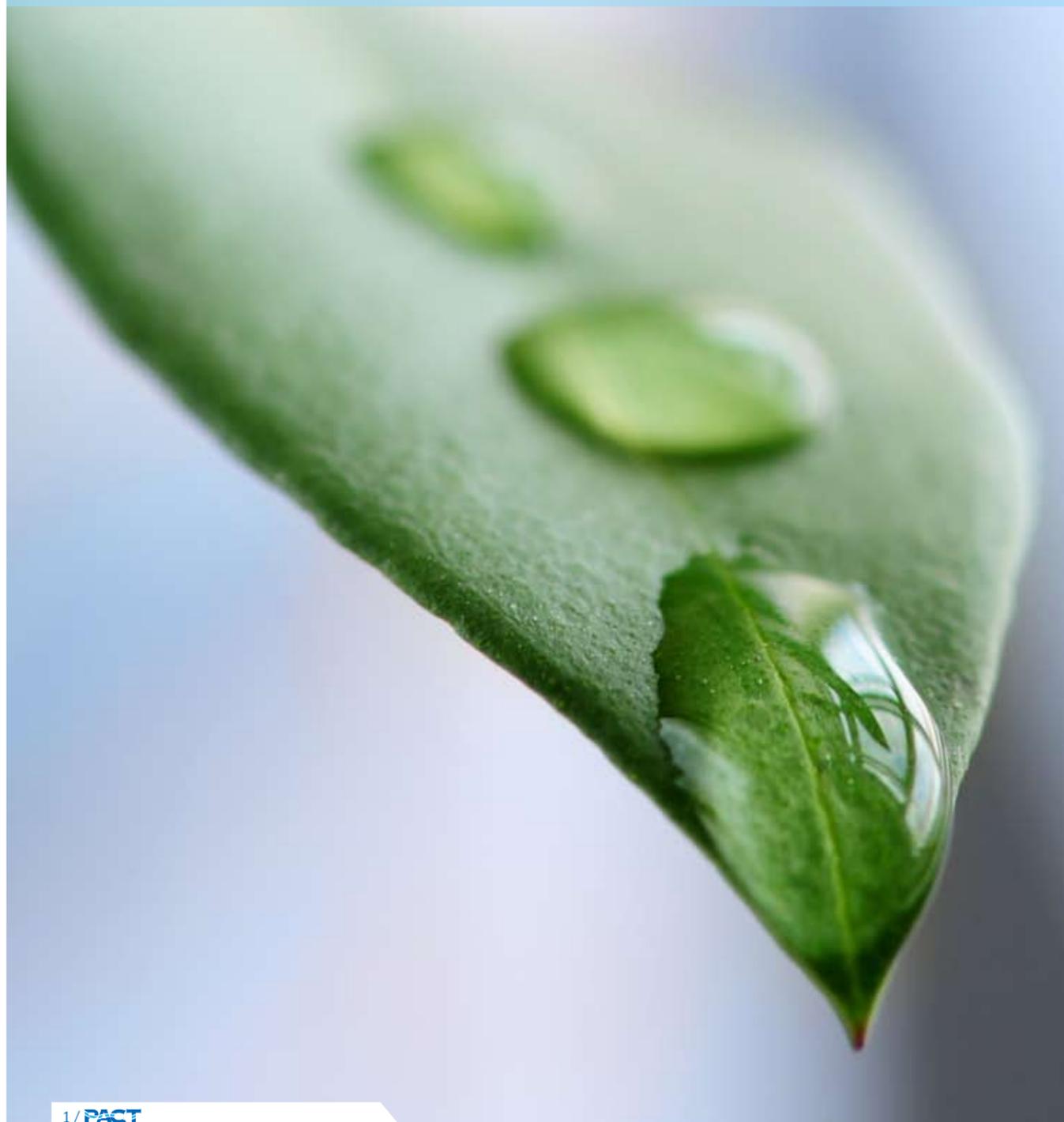
**Turnkey Solutions in Industrial and
Municipal Water and Wastewater
Treatment**



ISO9001 Certified for Design, Manufacturing
and Servicing of Standard and Customized
Equipment and Plants



Custom Built Operator-Friendly Plants, Engineered to Best Available Technology. Designed for Durability, Minimal Upkeep and Lowest Capital Outlay.



Company Profile

PACT is a leading EPC contractor and manufacturer of industrial and municipal water and wastewater treatment equipment and plants. PACT products are the result of years of interaction between PACT engineers, end-users and contractors. PACT projects are custom built to suit the individual application and the local conditions.

PACT engineers have a broad range of expertise in physical, chemical, biological and membrane processes for water and wastewater treatment. In every discipline, PACT provides numerous process choices to solve complex treatment problems effectively and economically.

PACT sales and service network has global coverage through company-owned regional offices as well as through appointed representatives. This network of service centers and the head office form an integrated organization to serve all users.

THE FOLLOWING SCOPE OF WORK IS A BROAD DESCRIPTION OF PACT SERVICES.

- Process Design
- M&E Design
- Procurement
- Construction Supervision
- Installation
- Equipment Manufacture and Custom Fabrication
- Commissioning and Start-up
- Operation and Maintenance
- Provision of Chemicals and Consumables



Cover



Company Profile



EPC Services



Manufacturing Facilities



Partial List of Clients



Contact

Engineering, Procurement and Construction



PACT references cover the whole spectrum of industries including Chemical, Petrochemical, Pharmaceutical, Metallurgical, Semiconductor, Automobile, Food & Beverage, Power, and Toiletry industries.

PACT provides the best available solution to meet the water treatment and wastewater treatment and reclaim/reuse requirements. Typical treatment processes being used:

- Biological (MBR, MBBR, SBR and Extended Aeration, Anaerobic)
- Membrane Separation (RO, UF, MF, NANO)
- Ion-Exchange (Single-Bed, Two-Bed and Mixed-Bed)
- Settling and Flotation (DAF, GEM, CPI, Lamella)
- Chemical (neutralization and precipitation)
- Sludge Handling (Belt Press, Filter Press, Polymer Metering and Sludge Conveyors)
- Filtration (multi-media, activated carbon, iron and manganese)

A SELECTION OF RECENTLY EXECUTED PROJECTS



CLIENT: SSACO (Chemical Industry)
LOCATION: Mideast
SERVICE: EPC and operation & maintenance service of DI water for process and boiler of power plant



CLIENT: L'Oreal (Cosmetics and Toiletry Products Manufacturer)
LOCATION: Suzhou Industrial Park
SERVICE: EPC contract of cosmetics wastewater treatment plant



CLIENT: SMIC (Semiconductor Industry)
LOCATION: Shanghai
SERVICE: EPC contract of organic process wastewater treatment plant, treated water to the cooling towers as makeup water for reuse



CLIENT: ThyssenKrupp (Stainless Steel Production)
LOCATION: Shanghai
SERVICE: EPC contract of direct cooling water treatment plant, acid wastewater neutralization plant, cold rolling wastewater treatment plant, sewage wastewater treatment for whole plant, and emergency water supply system for fire fighting system



CLIENT: BlueScope (Carbon Steel Production)
LOCATION: Suzhou Industrial Park
SERVICE: EPC contract of chrome wastewater and oily wastewater treatment plant and demineralization water treatment facility



CLIENT: Hanes Brands Inc. (Apparel Manufacturing Industry)
LOCATION: Nanjing
SERVICE: EPC service of softening water treatment plant, wastewater heat recovery plant

Manufacturing Facilities



PACT's ISO 9001 manufacturing facilities lay high emphasis on state-of-the-art and precision steel fabrication machinery covering material testing, cutting, welding, forming, surface treatment, coating and painting. The technical staff is certified in the different disciplines required to handle carbon steel, stainless steel and steel alloys of different grades. The mechanical (e.g. drives and gears) and electrical parts (e.g. motors, switches and controls) used in PACT's equipment are selected from internationally acknowledged manufacturers. The in-house electrical department designs and assembles the electrical components and controls in NEMA classified panels as per specific site requirements. A partial list of products manufactured by PACT manufacturing facilities cover:

- Belt Filter Presses Complete with Polymer Feeders
- Rotating Drum Screens
- Decanters for Sequential Batch Reactors (SBR)
- GEM Advanced Flotation, DAF and CPI
- Package MBR, MBBR and Grey Water Treatment Systems
- Package Membrane Separation Skids (RO, UF, MF, NANO)
- Other Custom-Built Equipment (PACT or Private Label)



BELT FILTER PRESS
 Superior Dewatering Solution for a Wide Variety of Municipal and Industrial Applications. We offer a complete line of high-performance belt filter presses for sludge dewatering and thickening, backed with full-flowsheet experience and expert process engineering support.

SBR DECANTER
 A key piece of equipment in any SBR system is the decanter. Through years of experience, we have developed a high quality, advanced engineered decanter mechanism. The basic components of the PACT RODE™ decanter include:

- Effluent collection trough with integral overflow weir
- Scum exclusion float
- Seal and bearing assemblies
- Electromechanical actuator with VFD



ROTATING DRUM SCREEN
 The Rotating Drum Screen is designed for small and medium municipal or industrial wastewater treatment plants. It is widely used in the wastewater pretreatment and industrial screening processes.



PACT PACKAGE MBBR
 A compact and transportable system (mounted on skid or trailer), used for treating different capacities of municipal sewage, with minimal sludge generation.



PACT PACKAGE MBR
 For small foot-print, high-quality, lower BOD. Effluent and virtually complete removal of TSS. Options include de-nitrification as well as downstream treatment through reverse osmosis for re-use.



GEM ADVANCED AIR FLOTATION SYSTEM
 GEM® utilizes a unique combination of mechanical and chemical energy to remove BOD/COD, TSS, fats, oils and grease (FOG); and other non-dissolved solids from wastewater.

Partial List of Clients

PACT has completed over 100 turnkey projects in the past ten years. Most of our clients are fortune 500 and many of our jobs were executed in collaboration with well known general contracting companies. A few examples are listed below:

AUTOMOBILE INDUSTRY



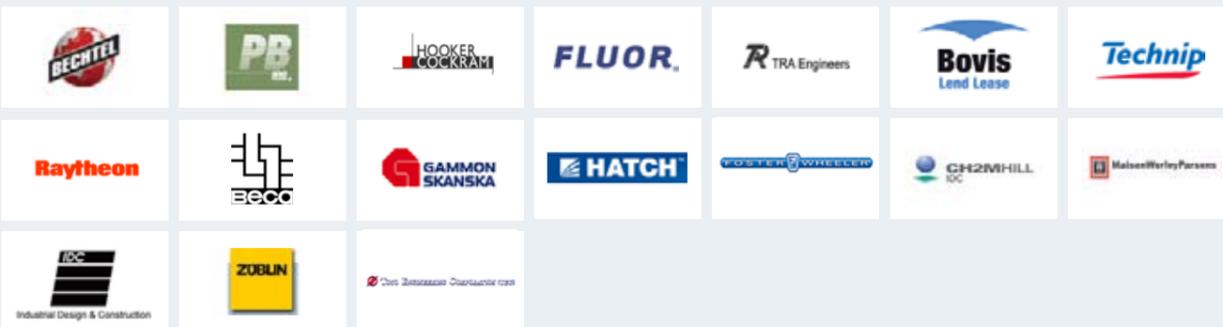
FLAVOR AND TOILETRY INDUSTRY



CHEMICAL AND PETROCHEMICAL INDUSTRY



GENERAL CONTRACTING COMPANIES



METALLURGY INDUSTRY



Partial List of Clients

SEMICONDUCTOR INDUSTRY



PHARMACEUTICAL INDUSTRY



FOOD & BEVERAGE INDUSTRY



OTHERS





PACT Environmental Technology Co., Ltd.

5/F, No. 700 Luban Road
Shanghai, 200023, China
Tel: 86 21 5301 9081 Fax: 86 21 5301 8771
E-mail: sales@pactchina.com

Global Offices & Representatives

Shanghai | Hong Kong | Singapore | Seoul | Dubai
Los Angeles | Mexico | London

WWW.PACTASIA.COM

