Waste Water Treatment Plant Qingdao/ China

Client: China National Industrial Machinery Import and Export Company (subsidiary of China National Machinery Import & Export Corporation)

Location: Qingdao, China

Contact Address: Qingdao Tuandao Sewage Treatment Plant, Preparatory Division Attn. Project Manager Mr. Shi Zhiqiang San Road 8# Qingdao City Shandong Province Peoples Republic of China

Consultant: Preussner / NC MEDRI (functional invitation to tender)

Capacity in Volume: 5400 m³/h
Waste Water Treatment Plant Qingdao/ China

Capacity in Inhabitant Equivalent: 750,000
Year of Award of Contract: 1995
Year of Completion: 1998
Beginning of Start-Up: 08/98
Duration of Start-Up: 3 months
Process Description: Construction of a turnkey sewage treatment plant
Process Stages:
- Complete mechanical, biological and chemical waste water treatment plant, sludge treatment, complete measurement and monitoring installation
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Scope of Delivery: Complete plant

Scope of Services:
- Engineering
- Supply
- Assembly supervision
- Start-up

Freights:
- COD 900 mg O₂/l
- BOD 450 mg O₂/l
- SS 650 mg/l
- NH₄-N 80 mg/l
- TCN 124 mg/l
- P 10 mg/l

Peculiarities:
- Biological treatment incl. deni-/nitrification,
- Sludge treatment incl. gas re-use, dewatering, and water re-use for industry