Process Equipment for Sheung Shui Slaughterhouse

Developer: Electrical and Mechanical Services Department, HKSAR Government

JEC Scope: Design, supply, and installation of one cattle slaughter line, suckling pig and goat slaughtering facilities, four pig slaughter lines, solid and waste water treatment plant, a ramp system, and meat dispatching system

Location: Hong Kong

Contractor: Jardine Engineering Corporation

Project Completion Date: 2003

JEC plays an important role in the construction and ongoing upgrades of the state-of-the-art Hong Kong Sheung Shui Slaughterhouse (SSSH). The SSSH is one of the largest and most advanced abattoirs in Asia in terms of its capacity, efficiency and environmental and hygiene standards. The SSSH has the latest and most technologically advanced slaughter equipment which enables it to process up to 5,000 pigs, 400 cattle, and 300 goats per day.

JEC designed and installed the following:
- A cattle slaughter line
- Suckling pig and goat slaughter facilities
- Four pig slaughter lines
- A solid waste water treatment plant
- A ramp system for unloading animals arriving by train from China
- A highly efficient meat dispatching system consisting of automatic overhead conveyors and unloading facilities

The cattle slaughter line is capable of handling 70 cattle per hour and the pig slaughter line is capable of handling 350 pigs per hour. The wastewater and solid waste treatment plant can treat 5000m³ of effluent per day through an advanced biological treatment process that meets stringent discharge requirements.

JEC is one of the key players in assisting the SSSH to provide a stable and adequate supply of fresh meat to the community whilst ensuring the highest international standards for hygiene and safety, operational efficiency, and environmental management.