Shatin Sewage Treatment Works, Stage III Extension, Phase II Works

Developer: Drainage Services Department, HKSAR Government
JEC Scope: Design, Supply and Installation of E & M Equipment for Shatin Sewage Treatment Works, Stage III Extension Phase II Works
Location: Hong Kong
Contractor: Jardine Engineering Corporation
Project Completion Date: 2006

Jardine Engineering Corporation (JEC) designed, supplied and installed E & M Equipment for Shatin Sewage Treatment Works (STW), Stage III Extension, Phase II Works for the Drainage Services Department (DSD) in Hong Kong.

The Shatin STW Stage III Extension Contract is to upgrade and extend the treatment capacity of the existing Shatin STW in two phases. Upon completion of the Stage III extension, the Shatin treatment capacity was increased to 340,000m³/day. The extension will serve the predicted population growth in Shatin and Ma On Shan.

The works, which commenced in August 2002 and were completed in March 2006, involved the construction of the following additional treatment facilities:


JEC has successfully improved the activated sludge sewage treatment process, removing both the carbonaceous and nitrogenous pollutants in the incoming sewage to meet the latest effluent standards and sludge disposal requirements. The technical proficiency of JEC’s E & M Contracting team played a vital role in enhancing and extending one of the most significant sewage treatment plants in Hong Kong.