

ACTAVÍS Iceland – Pharmaceutical Plant



SCOPE OF VERKÍS SERVICES

The following are the main fields of services provided by Verkís firms:

- Design criteria for all domestic installation
- Detail design of all domestic small power systems
- Tender documents for electrical equipment
- Review of bids and assistance in negotiations and contracting
- Design review
- Design and programming of BMS (Building management system)
- Design and programming of the EMS (Environmental monitoring system)
- Site supervision
- Participation in commissioning tests

Extensive electrical engineering service was provided by the Verkís firm Ráfteikning in Actavis' new plant located Hafnarfjörður, along with a new pilot scale facility, a warehouse, an office and laboratory building and changes in the production area. Ráfteikning participated in the first phase that started in 1997 and the project has been ongoing since.

The firm provided design criteria for all electrical systems and completed detail design followed by the tender documents and contracting assistance. The firm designed the building management system (BMS) and the Environmental monitoring system (EMS), programmed and installed all related software and control equipment, and provided site supervision and commissioning tests during the installation phases.

DESCRIPTION

Actavis' new pharmaceutical factory produces various types of drugs. The floor area of the plant is approx. 5,000 m², the power intake is 2,500 A and the total electrical cables installed are around 100 km.

The main electrical systems are: Power distribution, lighting and lighting distribution, centralized emergency lighting system, fire - and intrusion alarm systems, structured telecommunication cabling, telephone exchange system, HVAC control and SCADA system, process control and other systems special for pharmaceutical environment.

PROJECT OVERVIEW

Actavis is one of the world's leading players in the development, manufacture, and sale of first-class generic pharmaceuticals. The successful integration of a number of acquisitions has helped position Actavis among the world's largest companies in the industry. Founded in 1956, Actavis has more than 11,000 employees operating in over 40 countries around the globe. Actavis' headquarters are in Iceland.

TECHNICAL INFORMATION

Technical information:

Main Feeder:
1200A

The following systems are installed in the Plant:

- Cable Routing System
- Voltage System 400/230V
- General Lighting System
- Telecommunication System for computers and telephones
- Antenna System
- Loudspeaker System
- Emergency Lighting System
- Fire Alarm System
- Intruder- and Access System
- HVAC control system

