

Project : Genesis Washing limited

Location : Dhaka,Bangladesh



Reliable Controls MACH Building Automation System Certified as LEED Platinum Facility



- ★ More than 400,000 sft production floor spaces
- ★ State-of-the-art washing & garment dyeing facility
- ★ Specialised in fashion application
- ★ Over 2,500 modern machine facilities

System Integrator : ALASKA Engineering Solutions Pvt Ltd,Chennai

Reliable Controls MACH Integrated Building Automation system installed at Genesis Washing Limited,Dhaka,Bangladesh.

This system mainly installed to facilitate easier operations and maintenance of floor space. Through this system, the facility team can monitor and control ETP pumps,WTP pumps,RWS pumps, can monitor all Electrical panel's ON/OFF/Trip status, can monitor all Energy meter datas. Also the central monitoring station has been provided with the facility of monitoring the Indoor Air Quality via the CO2 sensors installed at floor space. The integrated Building Management system comprises of LCS,WTP,ETP,EMS, Diesel flow meter,Water flow meter and Steam Flow meter integrations.

▶ **Project Type:**

Industrial

▶ **Total Floor Space:**

4,00,000 sq.ft

▶ **Integration & Monitoring:**

Energy meters - 45 nos
Electrical Panels - 10 nos
Water Flow meters - 7 nos
Diesel Flow meter - 1 no
Gas Flow meter - 2 nos
Steam Flow meters - 2 nos
Recycled water system - 1 Lot
Effluent Treatment Plant - 1 Lot
Water Treatment Plant - 1 lot
Lighting Control System - 1 Lot

▶ **Total System points :**
3500

▶ **Equipments supplied & Installed**

MPWC - 1 no
MPS - 7 nos
MPPI - 3 nos
MPPIO- 33 nos
CO2 sensor - 25 nos
SSL-H - 25 nos
Lux Level Sensor - 7 nos

▶ **Network**

Modbus RTU & TCP/IP
BACnet IP