

Project : Emerson Power Generation

Location : Nelamangala, Bangalore.



Reliable Controls MACH Building Automation System



System Integrator : **ALASKA Engineering Solutions Pvt Ltd, Chennai**

Reliable Controls MACH Building Automation system installed at Emerson Power Generation factory located at Nelamangala Industrial estate, Bangalore.

This system mainly installed to protect 3 Mega Watts generator testing bed ;where pressure ,temperature and chilled water flow plays vital role during inverter slave tests.Reliable Controls MACH BMS gave perfect match for their design requirements and the programming has been done such a way that PID valves ,Chiller,pumps,VFD automatically works based on CHW flow,temperature and pressure requirements.

► **Project Type:**

Industrial

- **Total Floor Space:**
50,000 sq.ft
- **Integration & Monitoring:**
Chillers- 1 no
Water Flow meter - 3 nos
PID Valves - 3 nos
VFD - 1 no
3 way valve - 1 no
- **Total System points :**
300
- **Equipments supplied & Installed**
MPS - 1 no
MPPIO- 1
Wet Pressure sensor - 1 no
CHW Temp Sensor - 1 no
Wet DPS - 2 nos
- **Network**
Modbus RTU & TCP/IP
BACnet IP