



## Pfizer Australia

Poplar Road, Parkville  
Victoria

July 2006 to December 2006

## West Block VMRD Labs

Environmental Monitoring System  
Waste Decontamination System  
HVAC and Fumigation System

### Project Description

Scope of Works:

#### HVAC System

- Develop Hardware and Software Design Specifications.
- Supply and install a range of different Temperature Transmitters.
- Differential Pressure Transmitters for Room Pressures.
- Fumigation Outlets to activate when Sequence selected at operator panel
- Fumigation warning Signs outside entry to facility.
- Design and fabrication of new control cubicle.
- Design and develop PLC software for Siemens PLC and 2 Siemens Operator Panels
- Alarms interfaced with EMS System SCADA PC. (for Alarm Beacon Indication)

#### EMS System

- Develop Hardware and Software Design Specifications.
- Supply and install a range of different Temperature Transmitters to suit Fridges, Freezers, Fermenters and Warm Rooms.
- Interface with Sartorius Fermenters supplied from the United States.
- Design and fabrication of new control cubicle.
- Design and develop PLC software for Siemens PLC and Operator Panel.
- Remote warning beacons to indicate alarms and normal system status.
- Supply and install SCADA System for logging Alarms and Historical Trends and Audit Tracking, Data Export. (CFR 21 Part 11 compliant)

#### Waste System

- Develop Hardware and Software Design Specifications.
- Supply and install a range of different Temperature Transmitters for Vessels and Steam.
- Pressure Transmitters and Level Transmitters for Vessels.
- Ph Meter in conjunction with dosing Pump.
- Design and fabrication of new control cubicle.
- Design and develop PLC software for Siemens PLC and Operator Panel.
- Alarms interfaced with EMS System SCADA PC. (for Alarm Beacon Indication)

Commissioning of the systems included Operator Training and Full Documentation including SDS, HDS, O&M Manuals and Electrical Drawing Package to meet GAMP Compliance.