



Metal Treatment Services
Clayton, Victoria, Australia

North Building – Furnace Monitoring

Replacement of custom developed monitoring software with open architecture SCADA software more easily supported by a number of vendors

Project Description

Scope of Works:

- Existing unsupported furnace monitoring system utilising custom developed application
- Upgrade system to new SCADA based control/monitoring system (Wonderware)
- Interface with 7 existing furnaces with upgrade capacity for a further 15 furnaces
- Interface with Shinko Controllers on 7 furnaces. 12 controllers in total
- Monitor Temperatures and Carbon Potential for heat treatment quality assurance purposes
- Develop driver for communications to Shinko Controllers over RS485
- Supply and install new PC to provide IO communications and SCADA software
- Develop and install SCADA solution with control, monitoring, real-time and historical trending
- Install local and remote keyboard/video/mouse for viewing SCADA system
- Commissioning and training

