

# The Five Levels of Manning

## **Fully manned**

- A competent boiler operator in the boilerhouse whilst the boilers are operating.

## **Local manning**

- A competent boiler operator on site whilst the boilers are operating.
- Must be within earshot of alarms and able to attend within 7 minutes.

## **Unmanned (level 1)**

- A competent boiler operator must attend the boilers on a daily basis.
  - A trained person must be able to attend an alarm in the absence of a competent boiler operator to ensure that the boiler/boilers are shut down safely and be able to summon a competent boiler operator if required.

## **Unmanned (level 2)**

- Automation on the boilers must follow guidance and be such that the boilers shut themselves down safely in the event of an incident.
- A competent boiler operator must attend the boilers on a daily basis.
  - The boilers must be monitored from a remote monitoring centre all the time the boilers are operating and who has the

ability to summon a competent boiler operator in the event of failure.

### **Unmanned (level 3)**

- Automation on the boilers must follow guidance and be such that the boilers shut themselves down safely in the event of an incident.
- A competent boiler operator must attend the boilers at least every 72 hours.
- Increased monitoring must be incorporated and monitored from a remote monitoring centre all the time the boilers are operating and who has the ability to summon a competent boiler operator in the event of failure.