

# ELECTRIC SURFACE HEATING (ESH)

Mannings electric surface heating systems embrace a comprehensive range of applications from pipe and vessel frost protection to food processing, oils and chemicals.

The systems are economical to operate, require minimal maintenance and installation costs are low.

Zone parallel and self limiting tapes are mostly used and can be supplied with stainless steel or tinned Cu. overbraid and PVC or fluoropolymer outer jackets for hostile environments. Flexible and pre-formed tank heating panels can also be supplied.

Further application examples are:

- Anti condensation
- Sprinkler systems
- Mobile homes
- Fire hydrant points
- Heating transport containers

Temperature control systems coupled with audio and/or visual alarms are available for the more sophisticated installations.

- Trace Heating self limiting tapes
- Sheathed heating elements
- Immersion heaters
- Cartridge heaters
- Tank heaters
- Strip and ring heaters
- Survey and trouble shooting on existing systems
- Infra red heating system
- In line and indirect circulation heating
- All types of control equipment and accessories
- Engineering and 'turn key' installation services