



## Wireless Steam Trap Monitoring

- Are you aware of the amount of energy you are losing when a steam trap fails?
- How much does this cost your facility each year?
- Monitor your steam traps and know they are performing at optimum efficiency levels

Manual inspection and maintenance of your steam traps is time consuming and outsourcing auditing services can be costly.

The Cooper-Atkins Steam Trap Monitoring System will provide 24 / 7 remote wireless monitoring, saving energy cost, labor and time.

Real time alerts and automatic notifications with corrective action allow the facilities mechanics / technicians to respond only to failing steam traps, eliminating manual audits and inspections.



## Features:

- 24/7 remote wireless monitoring
- Real-time alerts and automatic notifications of defective steam traps by location
- Corrective actions of alerts can be tracked by time, user and action
- Operates within the 900 MHZ band width range
- Data seamless and easily integrates with TempTrak<sup>TM</sup> version 4.4 BACnet compatible software
- FTC (FCC) part 15 compliant
- Transmitter enclosed in ABS plastic housing with two 3' Teflon<sup>TM</sup> wires each containing aluminum housed thermistor sensors to perform accurately in diverse ambient environments
- Will monitor pipe temperatures up to 350°F
- Battery type: 2/3 A, Size: LiMnO2, Life: 2-5 years

## Benefits:

- Alerts provide immediate notification of problems
- Simple installation and setup
- Multiple types of steam traps can be monitored with one system to quickly detect steam trap failures
- Probes can be mounted on various pipe sizes in hard to reach areas
- Save energy cost, labor and time
- Reduce or eliminates manual steam trap audits
- Easily monitor impossible to reach steam traps

## Steam Trap Alarm

Regional Medical Center  
(System Administration)

TempTrak Current Sensor Readings  
Steam Trap

Show Only Out-of-Range Sensors  
 Use Dial Display  
 Show Group Audit Charts

All Group Summary REFRESH

Group: Steam Trap

Steam Trap Sensor 1 TEMPERATURE	Steam Trap Sensor 2 TEMPERATURE	Steam Trap Sensor Delta TEMPERATURE
185.7°F	182.2°F	3.6°F
Range: 170.0 - 195.0 °F 8/24/2010 5:29:38 PM Sensor ID: 68-124/1	Range: 150.0 - 175.0 °F 8/24/2010 5:29:38 PM Sensor ID: 68-124/2	Range: 10.0 - 50.0 °F 8/24/2010 5:29:38 PM Sensor ID: 68-124/3

## Steam Trap Alerts

Intelli-Ware Notification: Steam Trap Sensor 2 (ALL)

Alert Time: 8/24/2010  
Location: Steam Trap Sensor 2 (ALL)

**!! TEMP TRAK ALERT !! Steam Trap Sensor 2 In ALL: at 182.2 (Normal Range 150.0-175.0)**

Close Open Alert Window

Intelli-Ware Notification: Steam Trap Sensor Delta (ALL)

Alert Time: 8/24/2010  
Location: Steam Trap Sensor Delta (ALL)

**!! TEMP TRAK ALERT !! Steam Trap Sensor Delta In ALL: at 3.6 (Normal Range 10.0-50.0)**

Close Open Alert Window