

SAFETY VALVE LEAK INDICATOR

Near real-time cloud-based monitoring to maximise the safety, efficiency and reliability of your steam plant

Early detection and rectification of leaking safety valves minimises steam system energy losses and help reduce the risk of safety critical component breakdown or system failure.

Many insurers require safety valves to be refurbished annually on boilers and bi-annually on other pressure related equipment.



Non-intrusive continuous temperature monitoring of the Safety Valve, combined with our Connected Steam Expert's analysis, will deliver:

- Notification of lifting and leaking valves
- Identified opportunities for system improvements



MAINTENANCE & REPAIR



Targets the cause of leaking valves, reducing time spent maintaining your steam plant

SUSTAINABILITY & ENERGY



Identifies energy losses from leaking valves

SAFETY & HAZARD RISK



Detect unsafe steam system conditions which creates hazards to people, the environment, and processes.

BENEFITS

MONITOR YOUR SYSTEMS HEALTH THE RIGHT WAY



EQUIPMENT

The supply and installation of suitable, non-intrusive sensing equipment (zero downtime) and an independent wireless network, for the period of the installation.



DASHBOARD

24/7 access to Spirax Sarco's Digital Dashboard tool, providing insights into data trends and alarm threshold visualisation, for a period of 12-months.



REPORTING

Two level reporting
Operational status review and report issued within 6-12 weeks of connection. Followed by a second report towards the end of the 12-month period.



REVIEW

Each report is supported by a discussion, either in person or remote with a Spirax Sarco steam specialist.

In addition, Spirax Sarco provide an annual steam system diagnostic check and review alarm thresholds, validating both sensor and Digital Dashboard functions and settings.

EQUIPMENT SPECIFICATION

Sensors

- 2 x PT1000 temperature sensors.
- Sensing range from -180 to +250 °C, each with 2-metre cable.
- Powered by replaceable 3.6 V lithium battery with low level alert.
- IP-rating of IP65.
- For use indoors or outdoors within industrial environments.

Gateway

- Plug and play gateway with LoRaWAN interface and 4G connectivity.
- Supplied with roaming SIM card, mains power cable and LoRa antenna* (* on selected models).
- IP-rating IP20.
- For use indoors in dry environments.

DASHBOARD SPECIFICATION

Dashboard

- Accessed anywhere, any time, on any device with a web-browser.
- Data historian for remote trending of process values, in near-real-time and historically.
- Hosted on Microsoft Azure for high availability, up-time and data security.

Get connected, today!

Contact your local sales representative

[spiraxsarco.com](https://www.spiraxsarco.com)



SCAN ME

SB-S41-03-EN-ISS1

First for Steam Solutions

EXPERTISE | SOLUTIONS | SUSTAINABILITY

spirax
sarco