

Remote monitoring and diagnostics for compressors: a sure “return on investment”

Minimize maintenance costs

Maximize compressor performance

Eliminate unforeseen interruptions and downtime

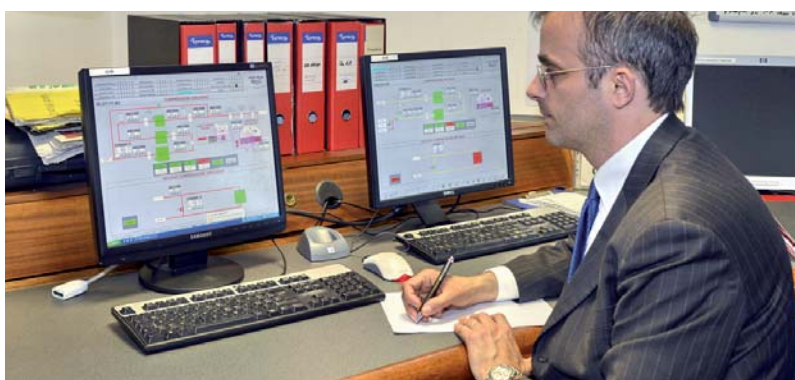
Increase compressor working life

SIAD Macchine Impianti designs and manufactures the complete compressor and using its software to evaluate the operating data recorded by the instrumentation installed in the machine, it can predict its behavior.

The advantages of diagnostics

With this service:

- only effectively required maintenance is carried out, eliminating costly disassembling and reassembling operations that endanger the life of the compressor;
- costs due to failures and accidents are reduced while maintenance is more timely and efficient, increasing the MTBF index (Mean Time Between Failures);
- the reliability of the compressor and the system is increased thanks to precise dedicated maintenance planning;
- the working life of components is estimated and maintenance actions scheduled in accordance with production requirements (maintenance during planned production stops), optimizing the spare parts store.



Who this offer is addressed to

- Plant managers
- Plant supervisors
- Plant operators
- Maintenance engineers
- Safety engineers
- Process engineers
- Mechanical engineers
- Instrumentation engineers
- Electrical engineers

What we have to offer

“Light” Program	2 reports per month 15 days apart, and a summary report once a month
“Normal” Program	4 reports per month on a weekly basis and a summary report once a month



Find out more about the range of services we offer by visiting the web site: www.siadmi.com

Our diagnostics focus on

- Wear on the crosshead runners
- Poor cylinder alignment
- Slackening of the rod in the piston coupling or crosshead
- Presence of foreign bodies in the cylinders
- Excessive loss of valve power
- Gas leaks from the rod seal packs and from the elastic rings
- Leakage of gas at the delivery and suction valves
- Anomalous behavior of the valves (fluttering, excessive stiffness of the springs etc.)
- Pressure pulsations on the suction and delivery line

Complete range of services

To reduce operating costs and to maintain our compressors in conditions of maximum efficiency, SIAD Machine Impianti offers clients a complete range of services, as well as a network of Certified Service Centers run by qualified technicians that extends across all five continents.

Activity

- Original parts
- Services in the field
- Technical support
- Refurbishment and upgrade
- Engineering services:
 - analysis
 - revamping
 - monitoring-diagnostics
- Training



For further information: siadmi_support@siad.eu



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We regularly update our data, for updated data please visit our web site www.siadmi.com

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