Compressor operation cost, reliability & efficiency

are high priority factors and key-word for Siemens Turbomachinery Solutions when we talk process optimization.

As an operator you could ask yourself the question; am I utilizing the capacity and capability of my equipment to the optimum under ideal conditions, ensuring optimal return on investment?

Siemens Turbomachinery Solutions can help bring the answer to you . . .

Use our outstanding experience to improve your processing facility

Our experienced engineers can measure, analyse and recommend on your process in order to improve process parameters and reduce the running cost. With the ever increasing cost of energy measurable improvements over the lifetime of the compressor can be achieved even with just minor adjustments.

- Comparison of the compressors current performance and set points vs original test and design criteria for expected performance.
- Comments and recommendations to general system design and lay-out
- Estimate of system wear (where applicable)
- Recommendations for any changes in general operation (e.g. temperature limits)
- Recommendations for recalibration of process sensors (if applicable)
- Changes to existing maintenance programs
- Suggestions for optional accessories
- Recommendations for spare parts holding
- Proposal for compressor modifications if applicable

To learn more about Siemens Turbomachinery Solutions compressor optimization services please contact our Customer Service or your local Siemens Turbomachinery Solutions representative.

Analysis and recommendations

The on site measurements and analysis results are analysed by our engineers, who prepare a detailed report covering some or all of the following areas:

- Comparison of the compressors current performance and set points vs original test and design criteria for expected performance.
- Comments and recommendations to general system design and lay-out
- Estimate of system wear (where applicable)
- Recommendations for any changes in general operation (e.g. temperature limits)
- Recommendations for recalibration of process sensors (if applicable)
- Changes to existing maintenance programs
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Your benefits
are more than just the potential direct savings on the running costs. Our analysis will also bring you:
- Knowledge of current compressor condition without the need for a shutdown
- Potential to extend compressor operating time

Our other service offerings

At Siemens Turbomachinery Solutions we strive to provide the best service to you as a customer. Therefore, you will always get solutions and service products designed to suit your individual needs. We can assist you with everything from spare parts and training, to refurbishment and upgrades of old equipment and maintenance of existing installations.

You can choose between a wide range of service solutions:

Installation and commissioning
Highly qualified experts install the equipment, put it into operation and provide on-site training of your staff.

Maintenance contracts
We can also offer cost-efficient maintenance contracts. Choose between package different contracts.

Service & trouble shooting
Our service team with its experience and know-how is at your disposal to assist you in achieving optimum utilization of your machines.

Refurbishment and upgrades
We offer complete technical consultation as well as project management on refurbishments and upgrades.

Genuine Spare Parts
Our spare parts are manufactured to the highest quality standards ensuring continued trouble free operation.

Repairs
Our in-house service workshop takes care of any repair work which may not be effected directly on the spot.

For more information please contact:
Siemens A/S
Turbomachinery Solutions
Allegade 4
DK-3000 Helsingør
Denmark
Phone: +45 49 21 14 00
Fax: +45 49 21 52 25

Do not hesitate to make use of all of our experience to maintain the operability of your Siemens Turbomachinery Solutions machines, even of those which have been in operation for several decades.

This way, you and we can both insure the long-term availability of your Siemens Turbomachinery Solutions machines and minimize both parts costs as well as costs caused by non-scheduled downtime.

Recommendations for general system and process optimization
Optimized spare parts stocking
Potential to upgrade the compressor with latest technology and materials
Direct and indirect cost savings