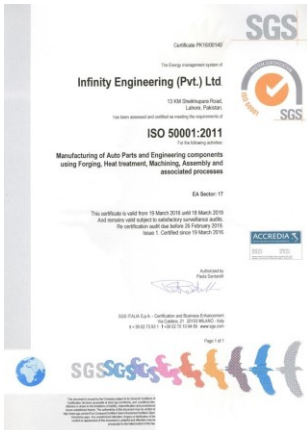


M/s Infinity Engineering Pvt. Ltd. – Pioneering ISO50001 in Pakistan



As a responsible Pakistani industrialist we have to take systematic measures to conserve power in all our business and production processes, making our products competitive and contribute in saving the precious national resource of energy for use of our other country fellows and maintaining a cleaner environment

Mr. Abdur Razzaq Gohar
CEO, Infinity Engineering Pvt. Ltd.

ESPIRE is a partnership project between bfz gGmbH, Business associations, and SMEDA.

By partnering with **ESPIREenergy**, industries are leveraging their own efforts to save energy and thus reduce costs, by adopting the following three services:

- ▶ **External Energy Audit (EA)** for status quo analysis of energy consumption and recommendations for energy saving measures
- ▶ Installation of **Energy Information System (EIS)** for continuous measurement and monitoring of energy consumption and costs
- ▶ Implementation of **Energy Management System (EnMS)** in the factories for continuous control and reduction of energy consumption and costs with own staff.

▶ www.espire.com.pk

Background

M/s Infinity Engineering Pvt. Ltd. is an ISO50001, TS16949, ISO9001 and ISO14001 certified company mainly oriented in subcontracting activities for Grey Casting, Hot Forging, Precision Machining and Heat Treatment of automotive and engineering components. The company produces international standard engineering and automobile components for major vehicle assemblers in domestic and international markets.

ESPIRE Intervention

In April 2013, Mr. Abdur Razzaq Gohar, CEO, requested bfz for support with the implementation of ISO50001 Energy Management System Standard at Infinity Engineering through services offered by ESPIREenergy.

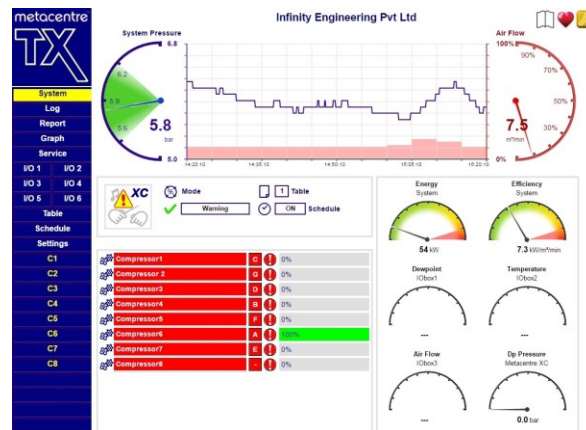
The services of Mr. Thomas Frank, who is an expert on Energy Management and Monitoring, were hired for the purpose by bfz. Mr. Frank along with a group of local consultant of ESPIREenergy conducted two sessions in April and June 2013 and started the implementation of ISO50001 with Training of Energy Team. An action plan for implementation of standard with targets was developed in first session. Training on energy monitoring was provided in second session and metering and measurement plans were deliberated.

Achievements

The company formed an Energy Team to implement Energy Management System as per ISO 50001 requirements and guidelines. Major investment was made in developing an Energy Monitoring System that included installation of energy meters for all significant energy uses.

The efforts of the Energy Team finally paid off in February 2016 when Infinity Engineering became the first Pakistani company certified on ISO50001 Energy Management System.

In addition to implementation of standard, the company has taken aggressive measures to improve their energy performance.



Compressed Air Management System