

ELGI Compressors – Performance at its Best

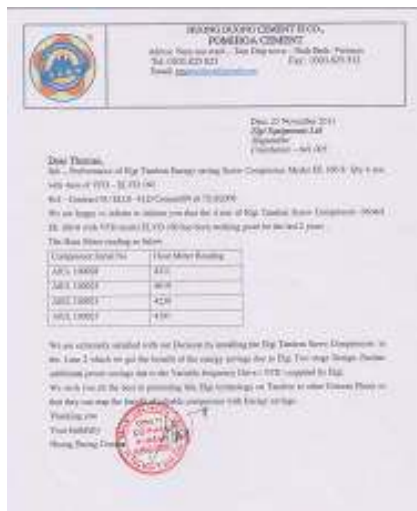
“We have got the benefit of the energy savings due to ELGI Two stage Design”

– Huong Duong Cements, Vietnam

The cement industry is one of the oldest and most important industries in Vietnam’s developing economy. The cement industry in Vietnam has played a significant role in the industrialization and modernization of Vietnam. The industrial growth and development coupled with the urbanization has rapidly increased the demand for cement over the last five years and today 16 million tonnes of cement are produced from the 66 companies which are presently operating.



For efficient functioning and improved productivity these cement industries rely on compressed air for material handling, dust suppression, blending-grinding, kiln & packing and conveyers. Compressed air systems are wide-spread within the cement industry and consume a significant portion of the electricity that cement plants use. Identifying compressed air inefficiencies and optimizing it will enhance productivity, save energy and reduce electric power bills.



Vietnam based Huong Duong Cements with a production capacity of 2 million tonnes per year has taken the supply of ELGI’s 4 tandem compressors in 2009. The Tandem Two stage units of 160 kW rating along with VFD have clocked over 4000 hours of running on an average and contribute to the productivity of Huong Duong Cements. The compressors have been operating most effectively since commissioning. The Tandem two-stage compressor has a compression ratio of 1:3 at each stage. The lower compression ratios improve volumetric efficiency resulting in lower power consumption, thereby saving costs. In addition to enhancing the productivity the tandem two stage compressors combined with Variable Frequency Drive (VFD) have also contributed to significant energy savings for Huong Duong Cements.

Being a blissful customer of ELGI, Huong Duong cements have also commended about the performance of ELGI compressors and their role in energy and power savings and ELGI’s effort in promoting the Tandem technology to the cement plants which will help the cement plants to reap the benefit of reliable compressor with energy savings. This manifests the ELGI’s success formula of valuing the customer and wanting to keep them long term. Similar to Huong Duong cements, hundreds of ELGI’s oil lubricated compressors are operating and contributing to energy saving in cement plants across India and worldwide.

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