

EFRC Report



R&D project “Compressor Reliability Survey”

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Foreword

The EFRC is the European Forum for Reciprocating Compressors which was founded in 1999 by Neuman & Esser, Leobersdorfer Maschinenfabrik, Hoerbiger Ventilwerke, TNO, TU Dresden, Thomassen Compression Systems, Wärtsila Compression Systems and Burckhardt Compression. The target of the EFRC is to serve as a platform to facilitate the exchange of information between vendors, operators and scientists working in the field of reciprocating compressors.

This is achieved by knowledge transfer (conferences, internet, student workshops, training, and seminars), standardisation work (e.g., EFRC Guidelines, API 618, ISO 20816-8), and by joint pre-competitive research projects, aiming at improving the performance and the image of the reciprocating compressor.

In the research and standardization projects, the forces of all interested parties are combined to solve or investigate problems which are beyond the scope of a single player. These projects are mainly carried out at research institutes or universities and in this way, they serve as the scientific arm of the reciprocating compressor community.

The research and standardization working groups are open to all EFRC members and the annual budget is funded by participating members. The results are owned by the EFRC and the research results are disclosed to EFRC research group members only. The work of the standardization group is made publicly available via the EFRC website (www.recip.org).

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