



Sizing and Optimization of Compressors in ldPE Plants and Validation by Measurement

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Abstract:

The sizing of compressors for ldPE plants is multifaceted. A multitude of parameters need to be determined that are linked with the layout of the whole plant. The present article gives an overview about compressor sizing and adaptation to the plant, gas properties under high pressure, design principles, gas pulsation analysis and a comparison between calculated and measured values of gas pulsation under high pressure.