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Practice report
Design and putting into operation of new compressor units

E.ON Hanse AG installed in 2002 a 4 cylinder ARIEL compressor unit and in 2006 two 4 cylinder ARIEL compressor units at the Natural Underground Gas Storage Reitbrook near Hamburg. This script describes the handling of the actual standards related to these projects and gives numerous information's for planning and operation of reciprocating compressors. The section of the pulsation investigation before and after the installation of Kötter Pulsation-Damper-Plates gives detailed informations about the reason and effect of pulsation related to reciprocating compressors.