



Effect of Pulsations on Separator Efficiency

by:

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Abstract:

To test the hypothesis that pulsations affect the separation efficiency of gas liquid separators, the efficiency as a function of pulsation frequency and amplitude has been investigated experimentally. During the investigation, separation efficiency measurements have been carried out on different types of separators. The frequencies were varied up to 100Hz and the amplitudes up to 6% peak-to-peak. Efficiency decreases were measured up to 60% of the efficiency without pulsations.