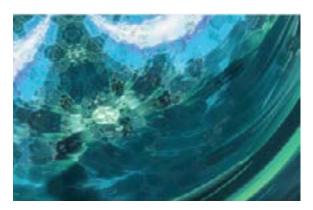
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SPIRAL WOUND VERSUS FLEXIBLE GRAPHITE FACED SERRATED METAL PIPE FLANGE GASKETS IN THERMAL CYCLING AND PRESSURE COMPARATIVE TESTING

JOSÉ C. VEIGA CARLOS F. CIPOLATTI NELSON KAVANAGH Teadit Indústria e Comercio Ltda. Rio de Janeiro, RJ, Brazil

DAVID REEVES

Chevron Corporation Chevron Richmond Refinery Tech Center Richmond, CA, USA

ABSTRACT

Spiral Wound gaskets have been successfully used in ASME B16.5 pipe flanges. However, in the last few years, to increase the reliability and safety, there has been a trend to replace them by graphite faced serrated metal gaskets. These are assumed to be better in terms of relaxation and installation. This paper shows a comparison between these two gasket styles. Relaxation and leak tests were performed using standard studs and flanges to simulate actual field conditions.

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