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SERRATED METAL GRAPHITE FACED GASKET FOR RING JOINT FLANGES

**JOSÉ C. VEIGA**

**CARLOS F. CIPOLATTI**

**NELSON KAVANAGH**

Teadit Indústria e Comercio Ltda.

Rio de Janeiro, RJ, Brazil

**FABIO CASTRO**

Braskem UNIB 3

Santo André, SP, Brazil

**VALTEMIR ZADONÁ**

Braskem UNIB 2

Triunfo, RS, Brazil

#### ABSTRACT

Metal Ring Joint gaskets are used in piping and equipment that operate at high pressure and/or temperature. Flange faces for these gaskets are precisely machined and small imperfections on the sealing surface make them unusable, requiring replacement or expensive field machining. During plant shut-downs time constraints may not allow for flange replacement or surface repairs. As a temporary fix gasket manufacturers offer other gasket styles like graphite faced serrated metal or spiral wound. This paper studies the use of graphite faced serrated metal gaskets in ring joint flanges. In addition to laboratory tests, also the results of a successful application of a Double-Rail gasket in a shut-down of a Petrochemical plant are shown.

O trabalho completo está disponível no site oficial do ASME. [Acesse](#)

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