

# PVP 2012

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#### **SERRATED METAL GRAPHITE FACED GASKET FOR RING JOINT FLANGES**

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#### **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 pre-cisely 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 sur-face 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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