

PVP 2014

2014 Pressure Vessels & Piping Conference

Innovation and Imagination in Pressure Vessels and Piping



July 20 - 24, 2014

Hyatt Regency Orange County
Anaheim, California, USA

Proceedings of the ASME 2014 Pressure Vessel and Piping Division Conference

PVP2014

July 20-24, 2014, Anaheim, California, USA

PVP2014-28094

VALVE PACKING RESEARCH AND DEVELOPMENT EQUIPMENT

JOSÉ C. VEIGA

GUSTAVO M. SILVA

CARLOS D. B. GIRÃO

JOEL BAULCH

Teadit Indústria e Comercio Ltda.

Rio de Janeiro, RJ, Brazil

ABSTRACT

To assure a leak free scenario when a valve packing is utilized, tests have been developed in order to monitor a group of parameters when service conditions are simulated. These tests enable valve manufactures to have an improved design, and guide end users on efficient packing selection. This paper presents valve packing test devices that provide developers with tools to evaluate properties such as; installation stress, relaxation, stem torque, number of rings and thermal expansion effects. Details of each device are shown, along with typical results of each property evaluated.

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

El documento completo está disponible en el sitio web oficial de ASME. [Acceder a](#)

The full technical paper is available on the official ASME website. [Go to](#)

