

API 682 Seal Qualification Certificate

This is to certify that:

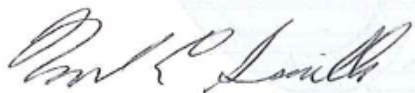
STEIN SEAL COMPANY

1500 Industrial Blvd.
Kulpsville, PA 19443, USA

Has designed and successfully tested, on 6/22/2014 and 11/06/2016, the following seals in accordance with the ANSI/API Standard 682 (Fourth Edition, May 2014) and ISO 21049: 2004.

Category 2 and 3, Type A, Arrangement 3 Dual Seal

The test fluid was propane, and the barrier fluid was diesel. These seal designs can now be used in the Nonflashing hydrocarbons -40°C to $<-5^{\circ}\text{C}$, Flashing hydrocarbons from -40°C to $<-5^{\circ}\text{C}$, and Flashing hydrocarbons -5°C to $<176^{\circ}\text{C}$ as an API 682 qualified seal.



Mark Sanville, Quality Assurance Manager

3/31/2017

Date of Issue



STEIN SEAL[®] COMPANY
Nothing Much Gets Past Our Seals[®]