

# Qualification Certificate



**Test Specification: ISO 15848-1:2015(E) / Second edition: 2015-06-01**

## **Summary of Qualifications Details:**

ISO FE CH— CC3 — SSA 1 — t(-46°C, 200 °C) — CL1500 — ISO 15848-1

Test Media: Helium

Mechanical Class: CC3 (100,000 cycles)

Rotation: 50 % of stroke/angle(+/-10% of angle)

Leakage Class: Class CH ( $\leq 1,78 \cdot 10^{-4} \text{mbar} \cdot \text{l} \cdot \text{s}^{-1}$  per mm stem diameter  $\leq 3,56 \cdot 10^{-4} \text{mbar} \cdot \text{l} \cdot \text{s}^{-1}$   
 $\leq 50$  ppmv for body seals)

Hot(392°F) Valve Pressure Rating: 3095 psig

Room Temperature: Rating: 3600 psig

## **Summary of Valve Details:**

Valve: Pulsejet Valve

Manufacturer: ValvTechnologies

Address: 5904 Bingle Road, Houston TX 77092

Valve Classification: Control Valve

Valve Type: Trunnion Ball Valve

Bore: 3.06"

Class: 1500#

## **Test Results: PASS**

Reference Test Report TR-0513 &TD-0513 for test details

Prepared by: Lee Tuckey

Issued Date: 8/29/2017

A handwritten signature in black ink that reads "David Leggett".

Approved by:

David Leggett - Testing Facilities Manager