ISO 15848-2 F.E. TEST
VALVE TEST RECORD/CERTIFICATE

INSPECTION AUTHORITY: N/A

REPORT REFERENCE NO.: N/A DATE OF TEST: 12/18/17

VALVE MANUFACTURER: CSV TYPE OF VALVE: Trunnion

PURCHASER: CHEVRON SIZE: 2" X 2"

Purchase Requisition No. _____ Class Rating: 2500

Valve S.N. 170376402003 Seat Material: Nitronic 50+Tc

Design Standard: API 6D Body Material: A694565

Room Temperature: 72° Mass Spectrometer Model: VARIAN 979

Tests	Requirements and Limits	Specified Limits	Actual Results
Stem Leakage Section 6.1			
Test Medium: Helium Gas	Half open valve		
	Leakage: Stem Leakage Shall be less than:		
STEM LEAK TEST PRIOR TO CYCLES			
Pressure: Rated Pressure	*1.78×10^{-6}mbar/l/s/mm stem ø		_____ mbar/l/s/mm 2.9×10^{-7} Atm/cc³/s
	Operate valve 5 times full open/close While still at pressure		
STEM LEAK TEST AFTER CYCLES			
Pressure: Rated Pressure	*1.78×10^{-6}mbar/l/s/mm stem ø		_____ mbar/l/s/mm 3.0×10^{-7} Atm/cc³/s
	Half open valve		
BODY LEAK TEST			
Pressure: Rated Pressure	*1.78×10^{-7}mbar/l/s/mm body gasket outside ø		_____ mbar/l/s/mm Body/Tail

Witness only

Witnessed/Reviewed for LRQA Inc. - Inspection Services S21
Name: Houston Office 18Dec17 Lloyd's Register

Pressure: Rated Pressure	*1.78×10⁻7mbar/l/s/mm body gasket outside ø	_____ mbar/l/s/mm Body/Bonnet 3.5 x 10⁻7 Atm/cc³/s	
Pressure: Rated Pressure	*1.78×10⁻7mbar/l/s/mm body gasket outside ø	_____ mbar/l/s/mm Body/Trunnion	
Did the valve meet all test requirements?		YES	NO
Inspection Authority	Signature	Date	
Witness	Signature	Date	

*Our Mass spectrometer reads in mbar/l/s, 1.78 x 10-x mbar is = to 1.76 x 10-x atm.cm3/s/mm