

APPLICATION FOR API 14A VALIDATION TEST

CONTACT INFORMATION	Application Date: _____
Manufacturer: _____	Revision No.: _____
Representative: _____	Test Agency: Southwest Research Institute®
Address: _____	Address: 6220 Culebra Road
_____	San Antonio, TX 78238
_____	(210) 522-5480
Contact(s): _____	(210) 522-6638 (Fax)

P.O. # or W.O. #: _____	

VALVE INFORMATION

Model: _____ Serial Number: _____

Nominal Tubing Size: _____ Rated Working Pressure: _____ psi

Valve Type: SCSSV and Tubing Retrievable

Test Section Length: _____ inches

Retest: Yes If yes, previous SwRI Test Number: _____

For SCSSV Only:

Maximum hydraulic control line pressure: _____ psi Greater than valve bore pressure

Maximum unequalized opening pressure differential: _____ psi

Minimum specified ID: _____ inches

Maximum specified OD: _____ inches

Drift Bar – Unique ID: _____ OD: _____ inches Length: _____ inches

Drift Sleeve – Unique ID: _____ ID: _____ inches Length: _____ inches

Tubing pressure insensitive: Yes No

For SSSCV Only:

Velocity Type: Water Closing Rate: _____ B/D Gas Closing Rate: _____ MMscfd

Tubing Pressure: Closing Pressure: _____ psig

For SSISV Only

Velocity Type: Min Water Injection Rate: _____ B/D Gas Injection Rate: _____ MMscfd

Max Water Injection Rate: _____ B/D Opening Differential Pressure: _____ psi

Estimated Differential Pressure at Max Water Injection Rate: _____ psi

Tubing Pressure: Operating Pressure: _____ psig Max Water Injection Rate: _____ B/D

Statement Regarding Pressure Integrity of Test Article:

The manufacturer certifies that all of the test items supplied for this testing are rated for the test pressures and have been hydrostatically tested according to the requirements of API 14A; this is 150% of working pressure for items that have a working pressure less than or equal to 10,000 psig and 5,000 psig above working pressure for test items that have a working pressure greater than 10,000 psig.

The test article and all associated hardware supplied to SwRI complies with this statement:
If the test article does not comply with the above statement, the manufacturer must attach to this application an engineering justification for the pressure integrity of the test article.

REQUIRED FUNCTIONAL TEST PRIOR TO VALIDATION TEST:

A functional test shall be performed and passed prior to submittal of the safety valve for validation testing. The safety valve submitted for validation complies with this statement.
By checking this box, the manufacturer confirms that the functional test has been completed.

HYDRAULIC REPEATABILITY REQUESTS FOR SCSSVs:

For SCSSVs, SwRI will adjust the metering of the control line fluid to provide a readable hydraulic control line pressure trace. A conscious effort will be made to comply with special requests that specify hydraulic control line opening and closing rates on the test application when SwRI considers the requested rates to provide an adequate control line pressure trace. This metering process will consist of adjusting the open and/or close rate throughout testing; it is possible that not all hydraulic cycle rates meet the special request.

PROCEDURE REQUIRED FOR VALIDATION TEST:

ISO 10432 / API Specification 14A:	12th	Edition	V3 Validation
In the event of a V2 failure:	Perform drift test to obtain V3 Validation		
Are non-specified equipment or procedures required for testing?	Yes	(Specify requirements on Page 2.)	

Non-specified equipment or procedures: