

STARTEC™ Gasket Test Report

(JIC 9320-OS) Epoxy Faced Metal Plate with PTFE Seal Gasket

I . Test Procedures

1. Air/Hydraulic Pressure Test (JPI-7S-81 : 2005)

: Testing gasket should be properly installed by considering standard procedures of bolting torque or hydraulic system.

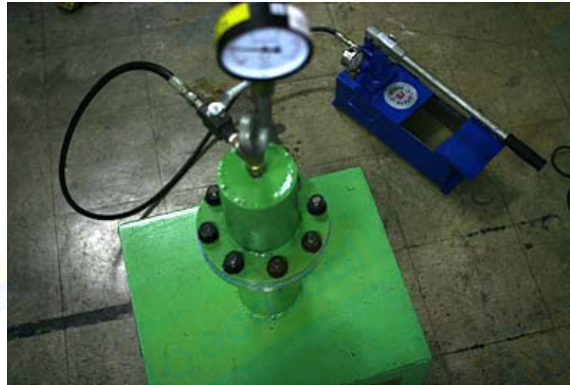
(a) Install the gasket on testing flange in appropriate condition.



(b-1) Air Pressure Test: Loading air or insert gas (Nitrogen) and observe 10 minutes.

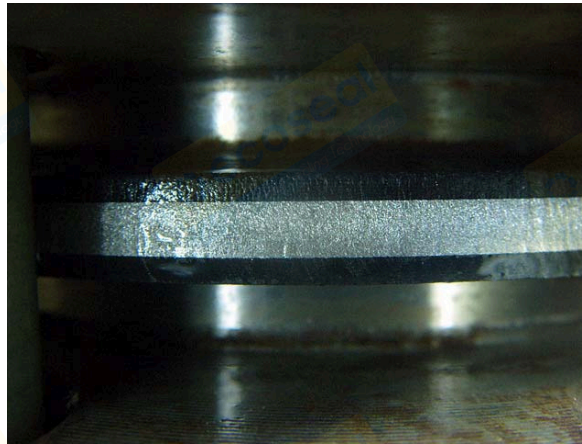


(b-2) Hydraulic Pressure Test: loading testing hydraulic pressure after remove air inside and observe 10 minutes.



(C-1) Air Pressure Test: spraying soapy water and checking bubbles.

(C-2) Hydraulic Pressure Test: Check the leakage by visual inspection.



II . Test Result

1) Test condition & Result

FLANGE CLASS/NPS	Test Result		
	N2 Gas Leakage test (31Kgf/cm2)	Hydraulic Test (180 Kgf/cm2)	Insulation Resistance (Applied 1,000 Voltage)
Acceptable Criteria	Leakage Point detect (Checking bubbles)	Leakage Point detect	Minimum 100MΩ
ANSI/ASME 600LB 2" RF FLANGE	No Leakage	No Leakage	Accept

1) Leakage & Insulation Resistance Test

Gas Leakage Test



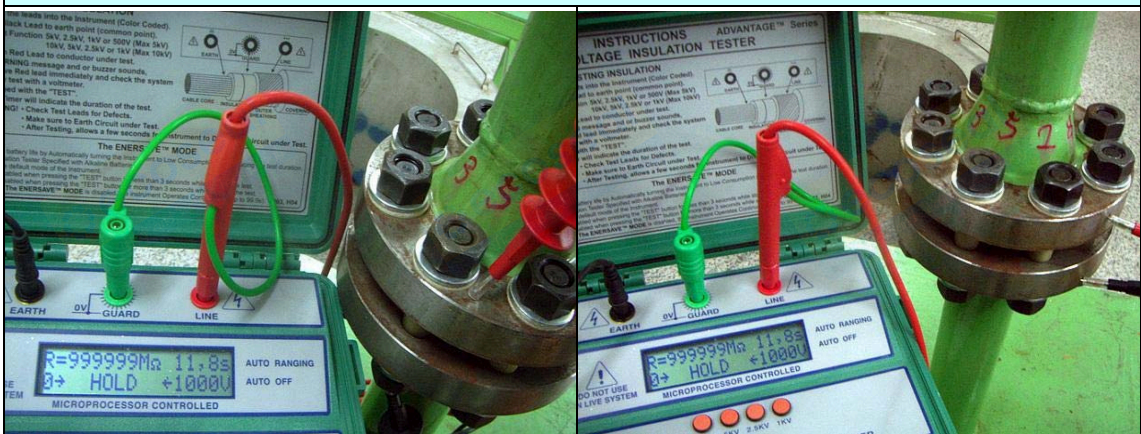
Nitrogen Pressure (31kg/cm²) : No leakage

Hydraulic Test



Hydraulic Pressure (180kg/cm²) : No Leakage

Insulation Resistance Test



Applied 1000 Voltage : Insulation Resistance Acceptable