

Cert. No.: 1999805-01

Project No.: 1999805

Date Issued: 2 October 2008

Office: Busan, Korea

INSPECTION CERTIFICATE

THIS IS TO CERTIFY THAT the undersigned representative to ABS Consulting, Inc., Korea did, at the request of Kukil Inntot Co., Korea, attend at the place mentioned below on the 30th day of September and the 1st day of October 2008 in order to witness Fugitive Emission Test on the item hereunder mentioned with the following test details and the results:

FUGITIVE EMISSION TEST

Date and Place of Test: 30th September and 1st October 2008 at the Korea Seal Industries Institute, Ulsan, Korea

Test Item: VOC Packing K/#VOC-HP21 manufactured by Kukil Inntot Co., Ltd.

Test Conditions:

Type of Packing:: Kukil K/#VOC-HP21
Size of Packing: OD46 x ID30 x 39H
Test Fluid: 99.9% Helium Gas
Test Pressure: 40Kgf/cm²
Gland Bolt Torque: 300kgf.cm
Test Temperature: 250°C
Number of Thermal Cycles: 2 pcs
Total number of Mechanical Cycles: 5,000 pcs
Stem (Shaft) Travel: 50mm
Cycling Rate: 15sec/cycle
Gas Detector: Helitest 969-3501
Test Reference: MESC SPE 77/312, EPA Method 21, TA-LUFT

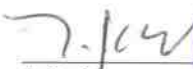
Particulars of K/#VOC-HP21:

Top: Inconel Yoke Mesh Inserted Graphite Braid & SS316L Metal Cap
Middle: Graphite Die Molded Rings
Bottom: Inconel Yoke Mesh Inserted Graphite Braid

Test Results:

Leak measured at test temperature - Maximum leakage: 20ppm

Inspection made without prejudice.


J. P. Oh
Technical Representative
ABS Consulting, Inc., Korea



Attachment: K/#VOC-HP21 Fugitive Emission Test Report-Test Data
E-20081001-01

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