

Fluid Sealing Association

STANDARD

FSA-HIPD-802-10
SEAL AIR SYSTEM TEST



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**FLUID SEALING ASSOCIATION STANDARD
FSA-HIPD-802-10**

SEAL AIR SYSTEM TEST

A. Test Objective

The objective of this test is to determine the seal air system performance.

B. Equipment Setup

The damper is to be tested in the horizontal position, unless impractical, and the seal air chamber pressurized.

C. Test Equipment

- 1) Pressure gauge.
- 2) Amp meter.

D. Measurements to be Recorded

- 1) Seal air chamber pressure.
- 2) Fan motor amps.

E. Test Method

With the damper blade(s) in the desired position, the seal air valve should be opened and the seal air fan started and stabilized. Measure the seal air chamber pressure and the fan motor amps and record these values in the test report.

F. Test Evaluation

If the chamber pressure achieves the specified value AND the fan motor amps are less than the full load amps on the motor data plate, the damper has passed.

G. Test Report

Measurements and calculations should be recorded in the test report and made available to customers for examination, upon request.