



Date: 16/08/2023

Permeability Testing

Opp_0005856

Customer: Aqua Tile

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Summary

This report is generated automatically to present the results of the gas permeability measurement using Lab Instruments.

The sample specification and results of permeability measurement using unsteady-state technique (fall-off) can be found as follows:

Specifications	Value
Core Sample	Sample #1
Length (mm)	36.25
Width (mm)	36.97
Weight (gr)	2.16

Test Results :

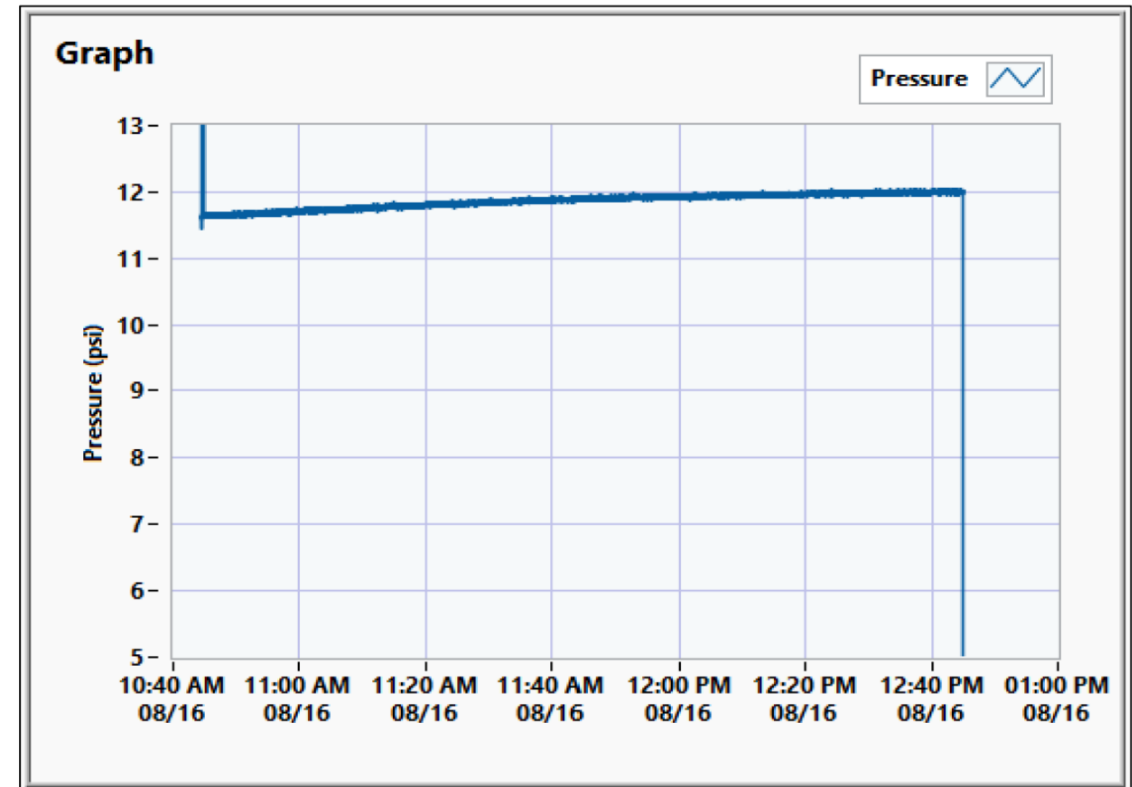
This table summarizes the results of permeability measurements of the sample using fall-off technique:

Confining Pressure (psi)	Absolute K (ud)	Air K (ud)	Slippage Factor (psi)	Status
0.011	<0.010	<0.1	>500	Completed

The following graphs show the chamber pressure variations during the permeability measurement using the probe permeameter.

As there was no pressure reduction over time (build up due to the temperature elevation at the laboratory), after two hours, it may confirm that the sample is non-permeable to air.

The set pressure on the probe head was 15 psi and injection pressure of the air at the beginning was 11.62 psi.





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