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September 20, 2011

Mr. Jerry Metcalf
HILTI, Inc.
5400 South 122nd East Avenue
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Subject: VOC/EPA Method 24
LEGEND No: 11013846

1.0 INTRODUCTION

LEGEND TECHNICAL SERVICES, INC. (LEGEND) received two polyurethane foam firestop samples from a representative of Hilti Corporation on August 17, 2011. LEGEND's scope of work was limited to the analysis of the volatile organic compounds (VOC) per EPA Method 24.

2.0 SAMPLE IDENTIFICATION

Laboratory Identification	Client Identification
1103846-01	CFS-BL
1103846-02	CFS-PL

3.0 METHODOLOGY

The VOC analysis was determined per EPA Method 24. The entire assembly was weighed to the nearest 0.1 gram (g). The sample was then placed into an oven set at 110±5°C for one hour. The sample was then removed from the oven and allowed to cool in a desiccator. The sample was then reweighed to the nearest 0.1g.

4.0 RESULTS

The results are summarized below. The VOC in gram/Liter was calculated using a density of 0.27 g/cc.

Test Parameter	CFS-BL (1103846-01)	CFS-PL (1103846-02)
VOC %	2.0	1.8
VOC gram/Liter (corrected for density)	5.4	4.9

5.0 **REMARKS**

The unconsumed sample will be retained by our laboratory for 30 days from the date of this report and then discarded unless further instructions are received from the client.

Submitted by:
LEGEND TECHNICAL SERVICES, INC.

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