

TEST REPORT

Intertek

REPORT NUMBER: 3193080MTL-001
ORIGINAL ISSUE DATE: May 17, 2010

EVALUATION CENTER
Intertek (Lachine)
1829 32nd Ave
Lachine, QC

RENDERED TO

LES FOYERS DON-BAR Inc.
741 St-Valier Ouest
QUÉBEC, Qc G1N 1E2
CANADA

PRODUCT EVALUATED: 9000 series solid fuel type room heater

Report of Testing 9000 series for compliance with the applicable requirements of the following criteria: US EPA Method 28A Exemption Test

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2 Introduction

Intertek Testing Services NA (Intertek) has conducted testing for LES FOYERS DON-BAR on the model 9000 series to evaluate the burn rate of the appliance. Testing was conducted in accordance with EPA Method 28a. This evaluation was performed on December 1, 2009. This test was to confirm the appliance is exempt from the requirements of an affected facility, per 40 CFR Part 60 subpart AAA section 60.531(3), 5 kg/hr burn rate exemption.

3 Test Samples

3.1. SAMPLE SELECTION

A sample was selected by the manufacturer and installed into the emissions sampling test booth. The sample was marked with a sample tag issued by the Montreal office.

The sample was submitted to Intertek directly from the client. Samples were not independently selected for testing.

The 9000 series has a firebox volume of 2.37 cubic feet.

3.2. SAMPLE AND ASSEMBLY DESCRIPTION

The 9000 series is a maximum clearance factory built free standing stove. The appliance was installed into the test booth with the factory built hood system in a straight-up configuration up to the ceiling of the test booth. The appliance was from there on installed with a solid pack chimney system which measured 15' from the scale floor including the appliance +- 1 foot.

4 Testing and Evaluation Methods

The 9000 series is a maximum clearance factory built free standing stove. The appliance was installed into the test booth built with the factory built hood system in a straight-up configuration up to the ceiling of the test booth.

The pre-burn fuel weight was measured at 28.34 lbs with moisture content of 20.5%db.

The fire in the appliance was started with 5 lbs of kindling. The kindling was burned and the scale zeroed and pre-burn fuel was loaded.

The pre-burn fuel was consumed down to a coal bed weight of 3.6 lbs. The coal bed range is 3.46 to 4.33 lbs. The pre-burn was recorded for 60 minutes of burn.

The test load fuel consisted of 2 4 x 4's, and 4 2x4's with a length of 15 inches. The average moisture content of the test fuel was 20.39% db. The total weight of the fuel was 17.32 lbs.

The test fuel was loaded into the appliance and the door closed within 5 minutes and the air control setting on high.

The test on the appliance was complete in 39 minutes.

4.1. TEST STANDARD 1

US EPA Method 28

5 Testing and Evaluation Results

5.1. RESULTS AND OBSERVATIONS

The 9000 series was found to consume the test fuel at a rate of 10.04 kg/hr.


Conclusion

Upon completion of the test it was determined that the 9000 series met the requirements of US EPA Method 28a. Therefore, the appliance is exempt as an affected facility per the current New Source Performance Standard.

The conclusions of this test report may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.

INTERTEK TESTING SERVICES NA

Reported by: Marc Parent

Signature: 

Date: May 17, 2010

Reviewed by: John Voorhees

Signature: 

Date: May 19, 2010



21 Juin 2010

Lettre Rapport No. G100146037 MTL-004 Letter Report
Project No. G100146037

Gilbert Dion
Foyer Don-Bar Inc.
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Sujet/Subject: Résultats d'essai pour modèle de la série 9000 pour poêle au bois
Test results for model series 9000 Wood Stove

M. Dion,

Cette lettre présente l'avancement des essais relevés durant la période d'essais effectués selon les normes (This letter presents tests update results of the evaluation and tests of the above referenced equipment to the requirements contained in the following standards)

1. ULC S627, Space Heater for use with Solid Fuel, 2000
2. UL 1482, Standard for Safety Solid-Fuel Type Room Heater, 2006

Aucune non-conformité des standards n'a été identifiée. L'unité rencontre toutes les recommandations des standards mentionnés plus tôt avec une clairance de 12 pouces de l'appareil.
No non-compliances to the standard(s) have been identified. The unit meets the requirements of the standards mentioned earlier with a clearance of 12 inches from the fire-box.

Pour compléter le rapport, veuillez envoyer votre manuel d'installation pour une révision.
To complete the report, please forward your owners/installation manual and label for review.

AVERTISSEMENT: Cette Lettre Rapport ne représente aucune autorisation pour l'utilisation de la marque de certification Intertek.

WARNING: this Letter Report does not represent authorization for the use of any Intertek certification marks.



Completed by: Shawn Monette

Reviewed by: John Voorhees
Senior Project Engineer -
Hearth Products

Title: Tech. Building Products

Title: Hearth Products

Signature:

Date: 21 Juin 2010

Signature

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21 Juin 2010

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