
CALIFORNIA TECHNICAL BULLETIN 133

Norix Group, Inc
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Tested By:
Noah B. Hitchen
Certified by:
Brent L. Larson

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Sample ID: ARC100-XXX

OPEN FLAME EVALUATION – CA T.B. 133**TEST RESULTS SUMMARY:**

This report presents the results of a full scale **CA T.B. 133** open flame test conducted on the following.

PROJECT #:	ESP041812P - Norix Group Inc
TEST SEQUENCE #:	1
TEST CONFIGURATION:	Open HOOD
PRODUCT MANUFACTURER or SUPPLIER:	Norix Group, Inc.
Sample ID:	ARC100-XXX
TEST AREA: temp (°F) / R.H. (%): CONDITIONING ROOM: temp (°F) / R.H. (%): TIME OUT OF CONDITIONING (removal / test start - total):	75 / 20 71 / 51 01:04 PM / 01:10 PM - 6 minutes
TOTAL INITIAL MASS (kg):	52.80
TEST DATE:	03-15-2024
COMMENTS:	Arcadia Bed
Test Operator:	Noah Hitchen
Witness:	

Test Results	Data	Criteria	Pass/Fail
Peak rate of heat release (kW):	20.6	80 kW	Pass
Time @ peak release (mm:ss):	01 : 07	--	--
Total heat released @ 10 min (MJ):	1.5	25.0 MJ	Pass
Total mass loss @ 10 min (kg):	0.0	1.4 kg (3.0 lbs)	Pass

PASS/FAIL CRITERIA:

PEAK RATE OF HEAT RELEASE SHALL NOT EQUAL OR EXCEED 80 kW
TOTAL HEAT RELEASED AT 10 MINUTES SHALL NOT EQUAL OR EXCEED 25 MJ
MASS LOSS DUE TO COMBUSTION AT 10 MINUTES SHALL NOT EQUAL OR EXCEED 1.4 KG (3 LBS)

Sample ID: ARC100-XXX

STANDARD TEST PROCEDURE:

This test was conducted in accordance with California Technical Bulletin 133, a brief summary is detailed below:

The sample was allowed to condition for at least 48 hours in conditions compliant with California technical bulletin 133 (temperature – 70°F ± 5°F / relative humidity – less than 55%). The instrumentation was calibrated and zeroed prior to the evaluation. After the specimen was placed on the scale, the burner alignment procedure was performed. Data logging and video were obtained for 2 minutes prior to burner ignition. The burner application time was 80 seconds. Upon completion of the flame application time, the burner unit was removed from the test area.

The test proceeded until either all combustion had ceased, 60 minutes had passed or the development of a fire of such size as to require suppression for the safety of the facility.


Equipment		
Gas Analyzer	s/n: 200220	Calibrated Daily Prior to Use
Scale	s/n: 156911/C27927	Calibration due date: 6-9-2024

REMARKS:

Due to the nature of the test, the specimen was discarded upon completion of the procedure.

Tested by:

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Engineering Technician
Sleep System Evaluation

Certified by:

Brent L. Larson
Manager
Sleep System Evaluation
Phone: (651) 659 - 7218

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