

# TEST REPORT

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**REPORT NUMBER: 101110404SAT-001A**

ORIGINAL ISSUE DATE: 04/10/2013

REVISED DATE: None

**EVALUATION CENTER**

Intertek Testing Services NA Inc.  
16015 Shady Falls Road  
Elmendorf, Texas 78112

**RENDERED TO**

**Norix Group Inc  
1000 Atlantic Drive  
West Chicago, IL 60185**

PRODUCT EVALUATED: Polyethylene Rectangular Bed  
EVALUATION PROPERTY: Peak Heat Release Rate, and Total Heat Release,

**Report of Testing Bed Attenda Profile, Model: ATN101-601 for compliance with the applicable requirements of the following criteria: California Bureau of Home Furnishings Technical Bulletin 133, Flammability Test Procedure for Seating Furniture for Use in Public Occupancies**

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## 2 Introduction

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Intertek Testing Services NA (Intertek) has conducted testing for Norix Group Inc. on **Bed Attenda Profile, Model: ATN101-601**, to evaluate peak heat release rate and total heat release under an open furniture calorimeter. Testing was following the standard methods of California Bureau of Home Furnishings Technical Bulletin 133, Flammability Test Procedure for Seating Furniture for Use in Public Occupancies using an open furniture calorimeter. This evaluation was performed on 04/10/2013.

This test procedure is designed to test seating furniture for use in occupancies that are identified as or considered to be public occupancies. Such facilities might include, but are not limited to, jails, prisons, nursing care homes, health care facilities, public auditoriums, hotels and motels.

This test procedure is not intended to be used for the evaluation of residential furniture.

## 3 Test Samples

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### 3.1. SAMPLE SELECTION

Samples were submitted to Intertek directly from the client. Samples were not independently selected for testing. Samples were received at the Evaluation Center on 04/01/2013 in good condition and logged in Intertek Sample Tracker as SAT1304011415-001.

### 3.2. SAMPLE AND ASSEMBLY DESCRIPTION

The test specimen was described by the client as a rectangular bed. The specimen was a lagoon colored plastic base. For a detailed description of the test specimen construction, reference the sample submittal form in APPENDIX C.

## 4 Testing and Evaluation Methods

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The test specimen, after conditioning to 73°F and 50% R.H. was placed underneath the open furniture calorimeter. Equipment used to monitor heat release measurements in the stack was zeroed and the data acquisition equipment started.

The specified propane burner was placed above the lid in accordance with the standard. After verification that all data acquisition systems were functioning, the burner was lit for 80 seconds and the test was allowed to proceed until all combustion ceased or 60 minutes passed.

## 5 Testing and Evaluation Results

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### 5.1. RESULTS AND OBSERVATIONS

The test was performed on 04/10/2013. The ambient temperature was 73°F with a relative humidity of 74%.

Observations during test were recorded. The observations are as follows:

Time (min:sec)	Observations
0:00	The test was started at 8:05 am.
0:25	The specimen began to melt.
0:27	The specimen had steady ignition.
1:20	The propane test burner was turned off.
1:28	No signs of flame or combustion. Test terminated.

After the test, the specimen was removed from underneath the hood and observed to be damaged in the following manner:

Plastic Base: 2% consumed.

<u>Category B (Furniture Calorimeter)</u> <u>- Test Criteria</u>	<u>Limit</u>	<u>Reading</u>	<u>Results</u>
1. Maximum Rate of Heat Release (kW)	80	17	Met
2. Total Heat Release (MJ) in 10 minutes	25	1.05	Met

## 6 Conclusion

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Intertek Testing Services NA (Intertek) has conducted testing for Norix Group Inc. on **Bed Attenda Profile, Model: ATN101-601** to evaluate peak heat release rate and total heat release.

The **Bed Attenda Profile, Model: ATN101-601** met the criteria set forth by California Bureau of Home Furnishings Technical Bulletin 133, Flammability Test Procedure for Seating Furniture for Use in Public Occupancies. As stated in the test standard, the test specimen, when tested under a furniture calorimeter, must meet Category B (items 1 and 2) to meet the requirements of the CA TB 133.

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



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