The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description: HT600WELDING BLANKET CLOTH

Color: WHITE

Style/Item No.: /

Test Requested:

Determine the flame resistance in accordance with test method 1 of NFPA 701:2015 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films

Test Results: -- See attached sheet --

Conclusion: The tested sample "As received" **meets** the requirements of Test Method 1 of NFPA 701:2015.

I. Test Conducted

This test was conducted in accordance with test method 1 of NFPA 701:2015 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

II. Details of tested sample

Sample description / Color	Welding blanket cloth / Beige
Area density	About 600 g/m^2
Products configuration	Single Layer
Size of sample *	150mm × 400mm

* With the length parallel to the lengthwise direction of the material

III. Conditioning and cleaning procedure

Cleaning procedure: none

Prior to testing, the sample was:

[√] Dried in oven at 105℃±3℃ for 30 minutes.

[ ] Conditioned at 20℃±5℃ for 24 hours.

IV. Test results

Specimen No.	Mass before test (g)	Mass after test (g)	Mass loss (%)	After flame time (s)	Burning time on floor (s)
1	41.24	40.52	1.75	0	0
2	41.47	40.55	2.22	0	0
3	41.55	40.68	2.09	0	0
4	41.19	40.49	1.70	0	0
5	41.42	40.56	2.08	0	0
6	41.28	40.62	1.60	0	0
7	41.33	40.43	2.18	0	0
8	41.66	40.44	2.93	0	0
9	41.17	40.40	1.87	0	0
10	41.39	40.37	2.46	0	0
Mean	41.37	40.51	2.09	0	0

SD =0.4 3SD =1.2 Mean + 3SD =3.29

SD – Standards deviation

Shimie Afsoon

Observations:

Vigorousness of burning	No
Material molten dripping	No
Odor smoke	Yes

Criteria for test method 1 (Chapter 10):

1. Fragments or residues of specimens that fall to the floor of the test chamber shall not continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimen.
2. The average weight loss of the 10 specimen in a sample shall be 40 percent or less.
3. No individual specimen's percent mass loss shall deviate more than 3 standard deviations from the mean for the 10 specimens.
4. When a retest is required, no individual specimen's percent mass loss in the second set of specimens shall deviate from the mean value by more than 3 standard deviations calculated for the second set.
5. When a sample does not demonstrate passing performance in accordance with all of the conditions indicated above, the material shall be recorded as having failed Test Method 1.