

# MITREX INC. FIRE TEST REPORT

**SCOPE OF WORK**

NFPA 285 TESTING ON EXTERIOR NON-LOAD-BEARING WALL ASSEMBLY CONTAINING MITREX INC. SOLAR PANELS (PRODUCT NAME – MITREX A)

**REPORT NUMBER**

N8164.01-121-24

**TEST DATE(S)**

06/24/22

**ISSUE DATE**

07/29/22

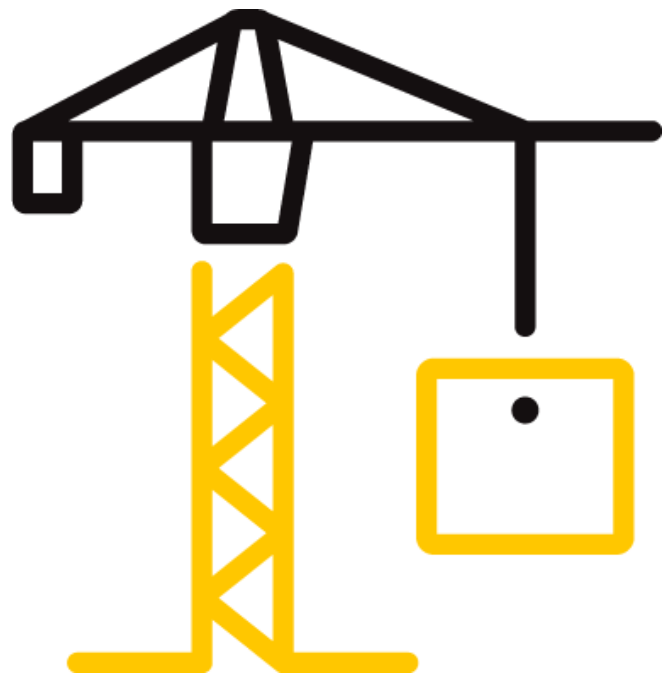
**PAGES**

53

**DOCUMENT CONTROL NUMBER**

RT-R-AMER-Test-2781 (04/04/18)

© 2017 INTERTEK



## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

### REPORT ISSUED TO

#### Mitrex

41 Racine Road

Toronto, ON, Canada M9W 2Z4

### SECTION 1

#### SCOPE

Intertek Building & Construction (B&C) was contracted by Mitrex Inc, 41 Racine Road, Toronto, ON, Canada M9W 2Z4 to evaluate the flame propagation characteristics of an exterior, non-load-bearing wall assembly containing Mitrex Solar Panels (MITREX A). Testing was conducted at the Intertek B&C test facility in York, Pennsylvania. Results obtained are tested values and were secured by using the designated test method(s). A summary of test results and the complete graphical test data is reported herein.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory.

### SECTION 2

#### SUMMARY OF TEST RESULTS

**Wall System:** Exterior Non-load-bearing Wall Assembly

**Combustible Components:** Mitrex Solar Panels – MITREX A

#### NFPA 285 Test Results

The assembly described and tested in this report **did** meet the Conditions of Acceptance of NFPA 285. Construction of the full assembly is summarized in Section 7 of this test report.

For INTERTEK B&C:

<b>COMPLETED BY:</b>	Mark Dluzeski	<b>REVIEWED BY:</b>	Ethan Grove
<b>TITLE:</b>	Technician – Fire Testing	<b>TITLE:</b>	Manager – Fire Testing
<b>SIGNATURE:</b>		<b>SIGNATURE:</b>	
<b>DATE:</b>	07/29/22	<b>DATE:</b>	07/29/22

MAD:ddr

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample(s) tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 3

#### TEST METHOD

The assembly was evaluated in accordance with the following:

**NFPA 285-19**, *Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components*

### SECTION 4

#### MATERIAL SOURCE/INSTALLATION

The Mitrex Solar Panels were selected by Intertek B&C personnel. The specimen(s) was/were witnessed during production and tagged prior to shipment on 06/17/22, (Reference Intertek B&C Test Specimen Selection Report No. 105101095TOR-001, dated 06/21/22). The remaining components of the test assembly were provided by the client except for the core wall components that were acquired and assembled by Intertek B&C personnel.

### SECTION 5

#### LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Travis Y	Gcat
Mark Dluzeski	Intertek B&C
Tim Feltman	Intertek B&C

### SECTION 6

#### TEST PROCEDURE

The wall assembly was instrumented with thermocouples (TCs) in accordance with figures 6.1(a) and 6.1(b) of NFPA 285 test method. 18-gauge Type "K" TCs were used in the burn room and 20-gauge Type "K" was used on exterior façade and cavity air space. The window burner was positioned in the center of the opening and 3-3/4 in. off the exterior face of the wall assembly. Testing was performed on 06/24/2022 in accordance with NFPA 285 test method. Ambient conditions were 73°F and 63% relative humidity. An anemometer was used to verify airflow across test assembly was less than 4 ft./sec as specified in the test method. Video recording, digital photographs, visual observations, and data collection were performed prior, during, and after testing was completed. Temperature data was recorded every 15 seconds. The test was performed at 09:00 AM with the burners on for 30 minutes. All observations are recorded in the table located in Section 8.

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

**SECTION 6 (Continued)**

**TEST PROCEDURE**

The apparatus is considered to be under calibrated conditions when the time average temperatures and the time average heat flux readings obtained for a calibration wall match the requirements of Table 8.1.6 of NFPA 285. Calibration was performed on February 25, 2021, with natural gas as the fuel source and the window burner placed 3-3/4 inches from the exterior surface of the assembly. Table 6.1 of this section shows the average burner flow and heat flux. Table 6.2 shows the time average temperatures obtained during the calibration test.

**Table 6.1** Average Burner Output Information

TIME INTERVAL (MIN:SEC)	ROOM BURNER (SCFM)	WINDOW BURNER (SCFM)	2 FT FLUX (W/cm <sup>2</sup> )	3 FT FLUX (W/cm <sup>2</sup> )	4 FT FLUX (W/cm <sup>2</sup> )
0:00-5:00	36.3	0.0	1.0	1.2	0.7
5:00-10:00	36.1	4.3	1.9	2.2	1.6
10:00-15:00	44.4	5.8	2.4	2.8	2.1
15:00-20:00	44.2	8.3	2.9	3.1	2.5
20:00-25:00	44.2	11.2	3.2	3.5	2.7
25:00-30:00	45.4	15.0	4.1	4.0	3.1

**Table 6.2** Average Time Temperature Values for Calibration\*

TIME INTERVAL (MIN:SEC)	THERMOCOUPLE LOCATIONS							
	BURN ROOM (°F)	INT. WALL (°F)	1FT (°F)	2FT (°F)	3FT (°F)	4FT (°F)	5FT (°F)	6FT (°F)
0:00-5:00	1101	1025	765	801	743	680	623	558
5:00-10:00	1233	1205	949	1034	1046	999	925	844
10:00-15:00	1421	1399	1063	1153	1172	1130	1048	976
15:00-20:00	1471	1463	1105	1203	1236	1187	1097	1039
20:00-25:00	1499	1499	1139	1240	1287	1248	1123	1105
25:00-30:00	1569	1574	1193	1302	1357	1321	1146	1137

\*The apparatus is calibrated under NFPA 285-19. Some values obtained during calibration are considered out of the 10% deviation allowed by versions of NFPA 285 earlier than the 2019.

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

**SECTION 7****TEST ASSEMBLY DESCRIPTION****Interior Cladding**

The full interior surface of the wall assembly was clad with 5/8 in. thick National Gypsum Gold Bond® Fire-Shield® gypsum board meeting the requirements of ASTM C1396. The gypsum board was fastened to the wall framing with #6 x 1-1/4 in. long, bugle head, self-drilling screws with a nominal spacing of 8 in. around the board perimeter and 12 in. in the field. Drywall orientation on the burn floor consisted of four pieces of gypsum board fastened to the core wall, with the run edge running parallel with the framing and the cut edge perpendicular to the framing. Drywall orientation on the second floor consisted of vertically oriented boards with the run edge running parallel with the framing and the cut edge perpendicular to the framing. Drywall orientation for the areas above the top support angle and below the bottom support angle consisted of boards that were oriented with the run edge perpendicular with the framing. All joints were taped with USG Sheetrock® Brand paper joint tape and spackled with USG Sheetrock® Brand joint compound. All fastener heads were spackled with USG Sheetrock® Brand joint compound.

**Framing**

The core wall consisted of 18 ft. long, 3-5/8 in. deep, 20-gauge galvanized steel studs fastened to 14 ft. length, 3-5/8 in. deep, 20-gauge galvanized steel track every 24 inches on center. The studs were connected to the track with one #6 x 1/2 in. long self-drilling, pan head fastener per stud flange. Two additional 18 ft. long, 3-5/8 in. deep, 20-gauge studs were used as king studs for the window opening jambs. ROCKWOOL™ Cavityrock® pieces with a nominal density of 4.0 lb./cu. ft. were installed per the manufacturer's installation instructions to fit into each stud cavity placed at the second story floor line. The safing length dimensions were no less than the apparatus floor slab thickness of 8 in.

**Exterior Sheathing**

1/2 in. thick National Gypsum Gold Bond® eXP® exterior gypsum sheathing, meeting the requirements of ASTM C1177, was placed horizontally across the full exterior surface of the assembly. The gypsum sheathing was fastened to the wall framing with #6 x 1-1/4 in. long, bugle head, self-drilling screws with a nominal spacing of 8 in. around the board perimeter and 12 in. in the field.

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

**SECTION 7 (Continued)****TEST ASSEMBLY DESCRIPTION****Window Opening**

A 78 in. wide x 30 in. tall window opening was made from 20-gauge galvanized steel track. The opening was centered on the vertical centerline of the wall assembly with the finished sill located 30 in. above the first story floor line. The steel track sections were mechanically fastened with #6 x 1/2 in. long self-drilling, pan head fasteners at each corner. After installation of the exterior wall cladding, 0.040 aluminium flashing was installed in the vertical and horizontal perimeter of the window opening. The window flashing was secured with #8 x 1 in. long self-tapping fasteners with a fastener spacing of 6 in. on center.

**Exterior Insulation**

The exterior insulation used was 100 kg/m<sup>3</sup> RockWool® 1 in. thick. Self-adhesive backed 1-5/8" 12GA insulation pins were installed directly to the face of the exterior gypsum in an even distribution in the void space between the horizontal rail system installed directly onto the exterior gypsum sheathing. The exterior insulation was cut to fit the vertical distance between each horizontal rail, and was installed in full length sections, and was installed in a horizontal orientation. Any excess insulation material extending beyond the perimeter of the wall assembly was cut flush with the edges of the wall assembly. After the exterior insulation was installed, it was secured in place to the insulation pins utilizing 1 in. square insulation pin washers (10 gauge).

## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 7 (Continued)

#### TEST ASSEMBLY DESCRIPTION

##### Exterior Cladding

The exterior cladding assembly was installed using 3" in high x 1" deep extruded rails (Aluminum Alloy 6063 T6) attached horizontally over the full width of the wall assembly. For vertical spacing of the horizontal rail system, reference the attached drawing specify the rail locations. The horizontal rail system was fastened to the exterior sheathing using self-tapping fasteners, 2 numbers of #10-16 x 2" Hex - Unslotted Drive Indented Hex Washer Head Zinc Finish #3 Point Steel Self-Drilling Screw positioned on the vertical channels of the base-wall (i.e. 24 inches on center), supplied by the installers of the panel assembly. Following the installation of the exterior insulation, the exterior cladding was installed. The exterior cladding consisted of proprietary solar panels (MITREX A), manufactured using two layers of tempered glass, with solar cells in between the two sheets of glass, installed in 40mm deep and 35mm wide aluminium frame along the vertical and horizontal edges using silicone sealant. The solar panels consisted of an overall thickness of 1/2 in. throughout the face and edges of the panel, with a 1 in. air gap on the back of the panel. 3" high x 1" deep extruded rails were installed along the unexposed face of the solar panel aluminium framing, using 2 numbers of #10x3/4" Self-drill hex head steel Tek screws along the vertical solar panel framing members and maximum 12 in. distance on center along the horizontal solar panel framing members, to allow the panels to be installed on the horizontal rail system installed on the exterior sheathing of the wall assembly. The spacing of the horizontal rails installed on the solar panels directly corresponds with the spacing of the rail system on the exterior sheathing of the wall assembly and is prescriptive to the specific location of each solar panel. 1/4" wide horizontal and vertical joints between the solar panels were capped with Dowsil™ Contractors Weatherproofing Sealant. All factory componentry of the solar panels was left on the solar panel system and was not connected to other energized electrical componentry as would be found in the field at the conclusion of the panel system installation. All exterior assembly components beyond the exterior gypsum sheathing were installed by Mitrex personnel. After completing the assembly of the exterior solar wall panel system, the outside perimeter of the specimen was flashed with 0.019 aluminum trim coil that was bent 90 degrees and taped to both the exterior panel surface and the outside webbing of the studs and top and bottom track with Nashua foil tape.

## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 8

#### TEST OBSERVATIONS

TIME (Min:Sec)	OBSERVATIONS
00:00	Ignition of room burner.
00:22	The window flashing is starting to warp.
01:54	The interior gypsum flashed over.
05:00	Ignition of window opening burner.
16:16	The window header has ignited.
24:21	The left panel above the window opened up.
30:00	Burners Extinguished. Post-test 10-minute observation period begins.



**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

**SECTION 9**

**TEST RESULTS**

TEST REQUIREMENTS	TEST RESULTS	PASS/FAIL
Flames did not reach 10 ft. above the window opening header.	Flames did not reach 10 ft. above the window opening header.	PASS
Flames did not reach a lateral distance of 5 ft. from the vertical centerline.	Flames did not reach a lateral distance of 5 ft. from the vertical centerline.	PASS
Flames did not propagate beyond the limits of the first story test room.	Flames did not propagate beyond the limits of the first story test room.	PASS
No visible flaming in the second story test room	No visible flaming in the second story test room.	PASS
TC's 11 and 14-17 (1000°F limit)	TC's 11 and 14-17 did not exceed their 1000°F limit.	PASS
TC's 18-19, 28, and 31-40 (1000°F limit)	TC's 18-19, 28, and 31-40 did not exceed their 1000°F limit.	PASS
TC's 49-54 (500°F above ambient)	TC's 49-54 did not exceed 500°F above their ambient temperatures.	PASS
TC's 55-67 (750°F above ambient)	TC's 55-67 did not exceed 750°F above their ambient temperatures.	PASS
TC's 68-80 (750°F above ambient)	TC's 68-80 did not exceed 750°F above their ambient temperatures.	PASS

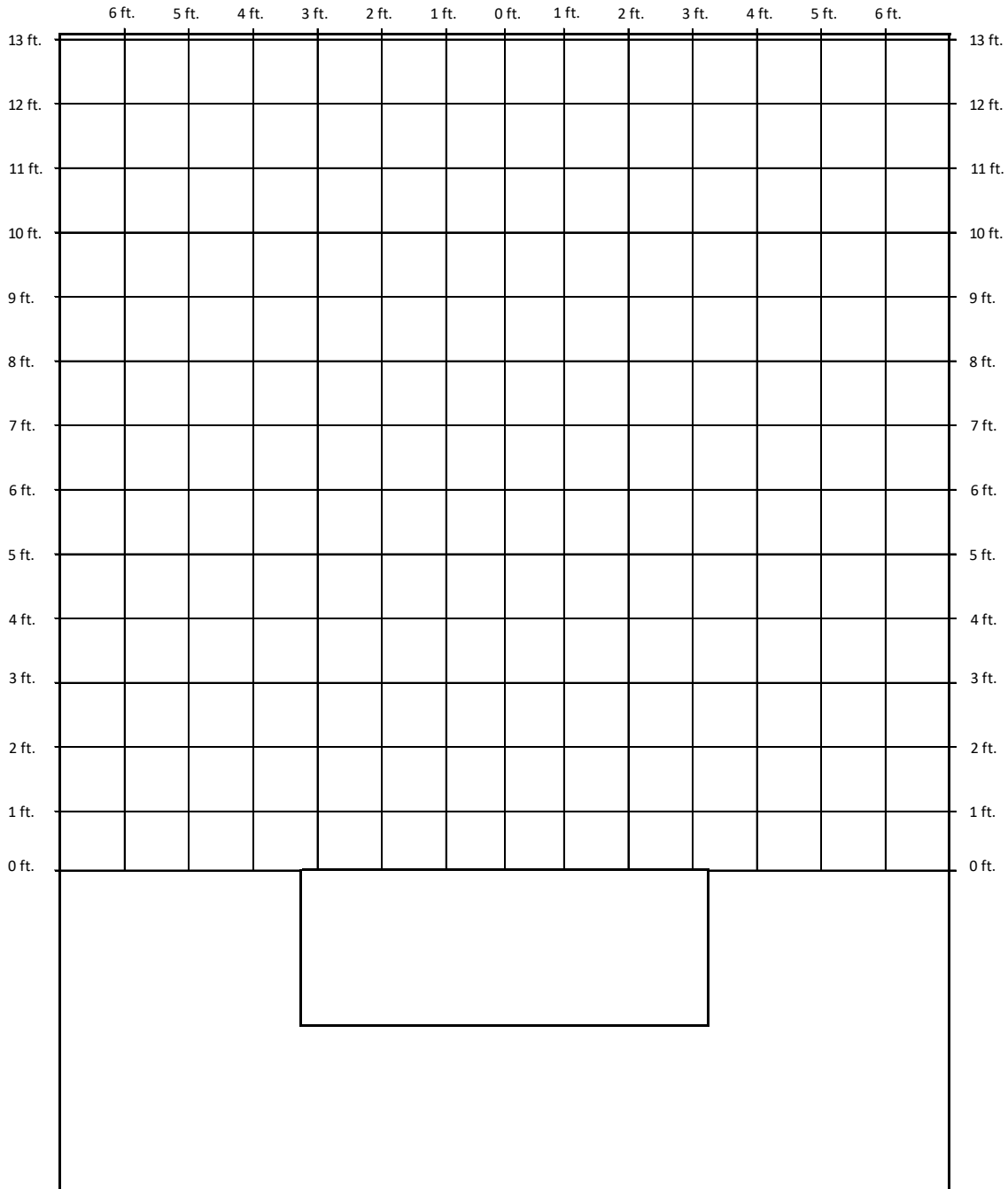
## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 10

#### SKETCH OF EXTERIOR CLADDING BURN PATTERN



## TEST REPORT FOR MITREX INC.

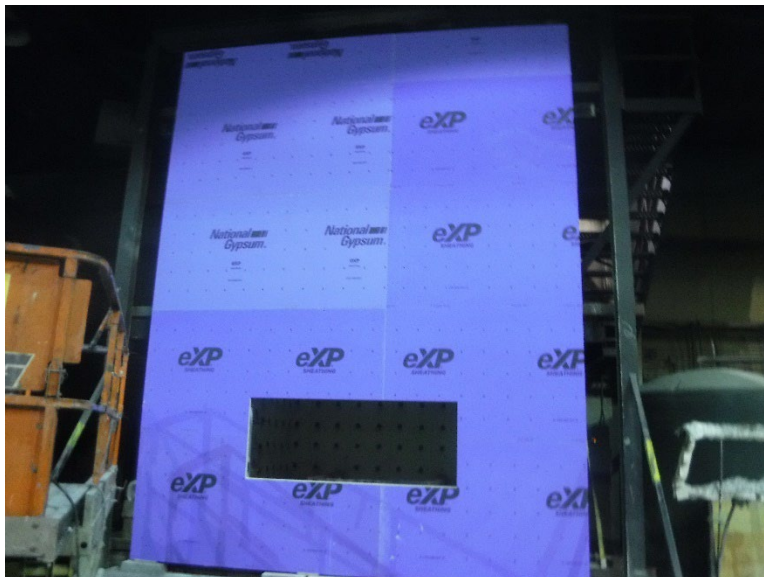
Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 11 PHOTOGRAPHS



**Photo No. 1**  
**Core Wall Construction**



**Photo No. 2**  
**Core Wall Completion**

## TEST REPORT FOR MITREX INC.

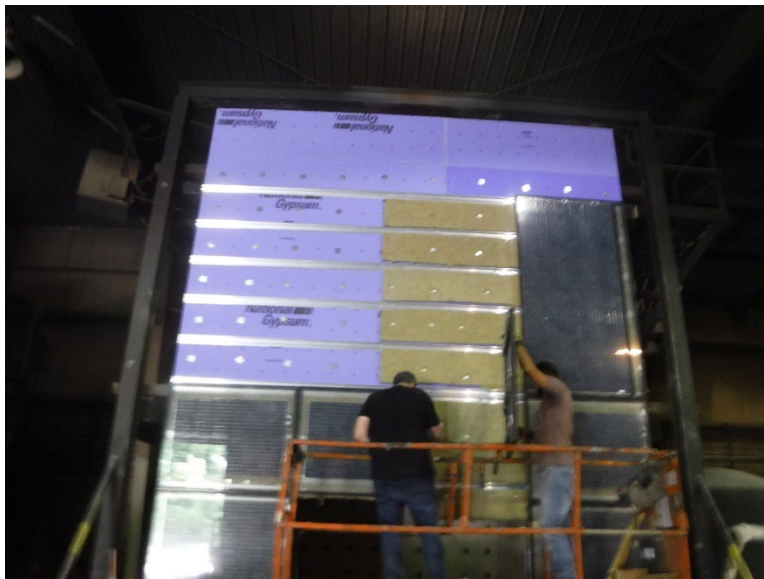
Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 11 (CONTINUED) PHOTOGRAPHS



**Photo No. 3**  
**Installation of the Horizontal Rails**



**Photo No. 4**  
**Installation of the Insulation and Cladding System**

## TEST REPORT FOR MITREX INC.

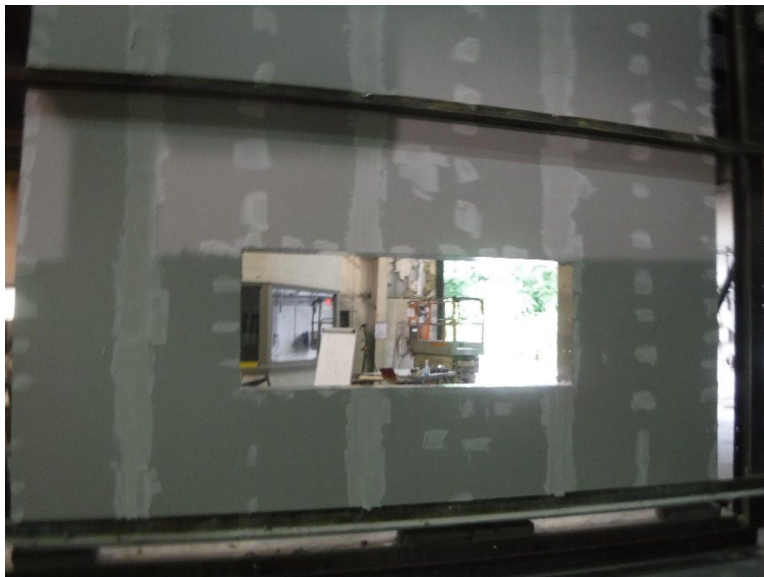
Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 11 (CONTINUED) PHOTOGRAPHS



**Photo No. 5**  
**Floor Safing Installation**



**Photo No. 6**  
**Installation of Interior Gypsum (First Story)**

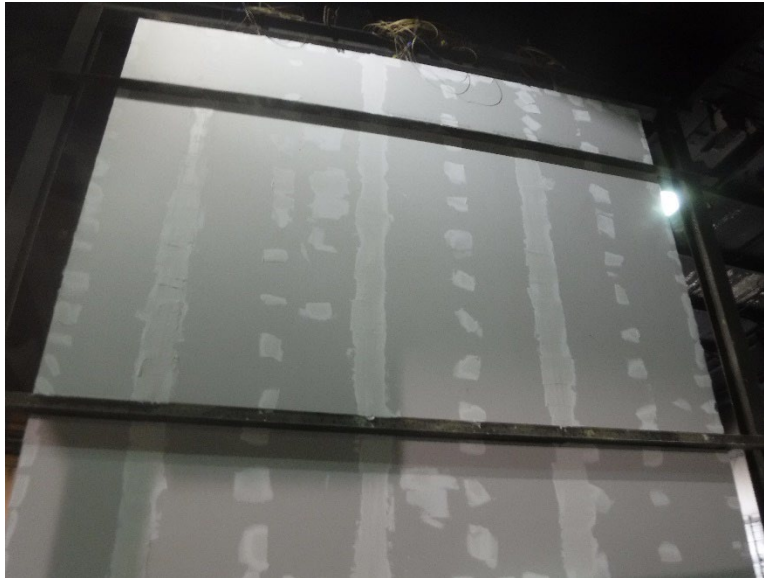


## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 11 (CONTINUED) PHOTOGRAPHS



**Photo No. 7**  
**Installation of Interior Gypsum (Second Story)**



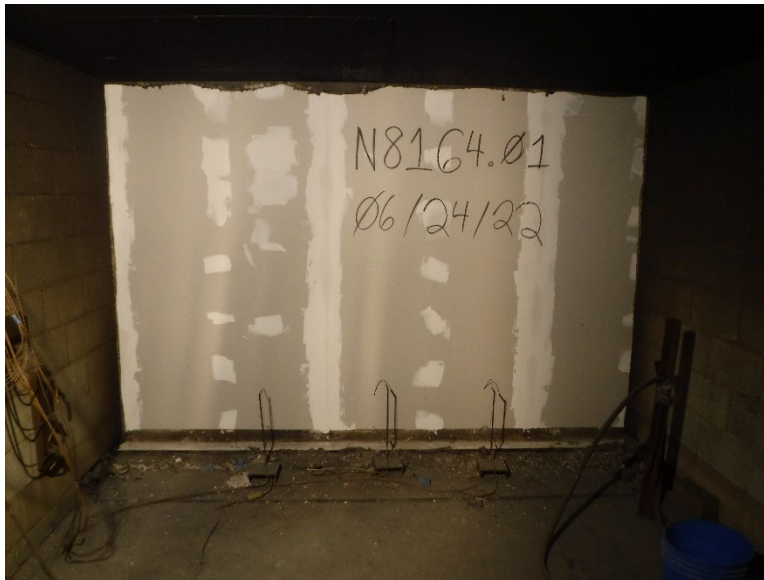
**Photo No. 8**  
**First Story Interior Gypsum (Pre-Test)**

## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 11 (CONTINUED) PHOTOGRAPHS



**Photo No. 9**  
**Second Story Interior Gypsum (Pre-Test)**



**Photo No. 10**  
**Completed Assembly**

## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 11 (CONTINUED) PHOTOGRAPHS



**Photo No. 11**  
**Assembly (Pre-Test)**



**Photo No. 12**  
**Ignition of Room Burner**

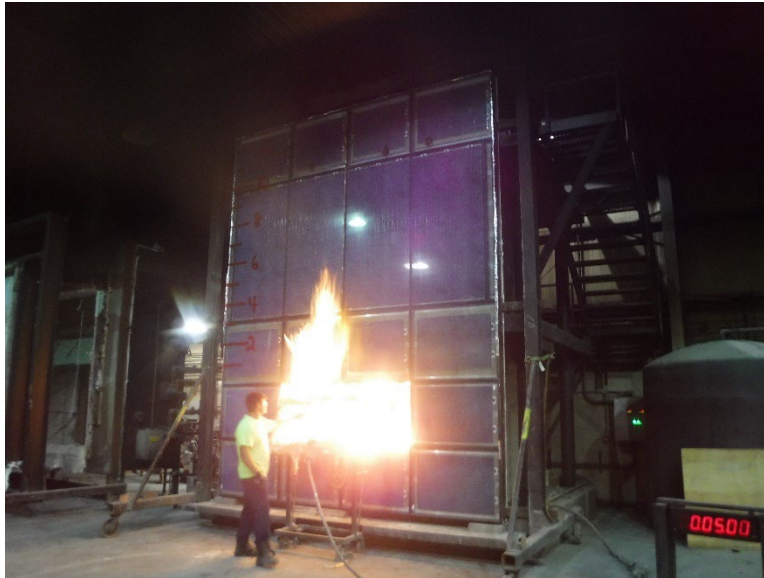


## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 11 (CONTINUED) PHOTOGRAPHS



**Photo No. 13**  
**Ignition of Window Burner**



**Photo No. 14**  
**Burners Extinguished (Post-Test)**

## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 11 (CONTINUED) PHOTOGRAPHS

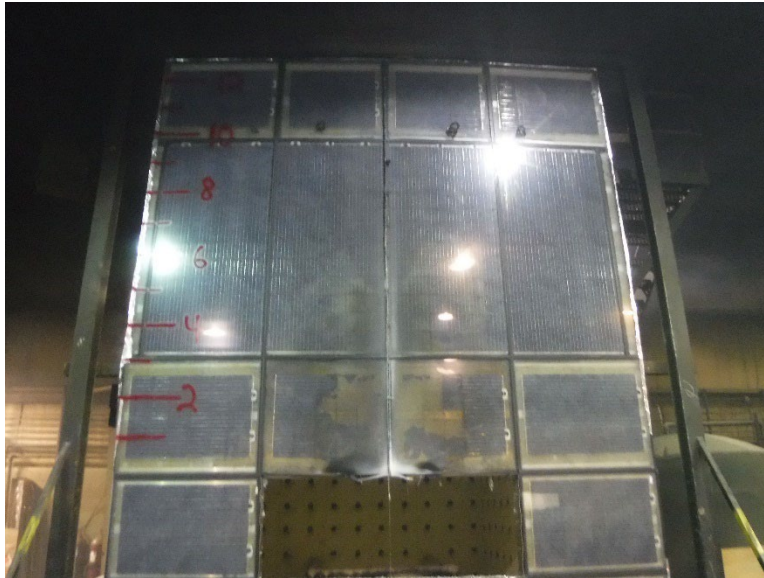


Photo No. 15  
Complete Assembly (Post-Test)

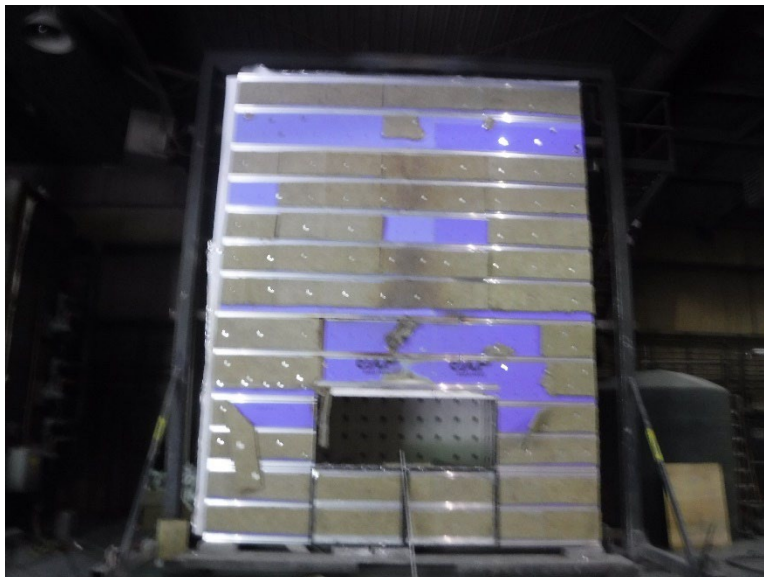


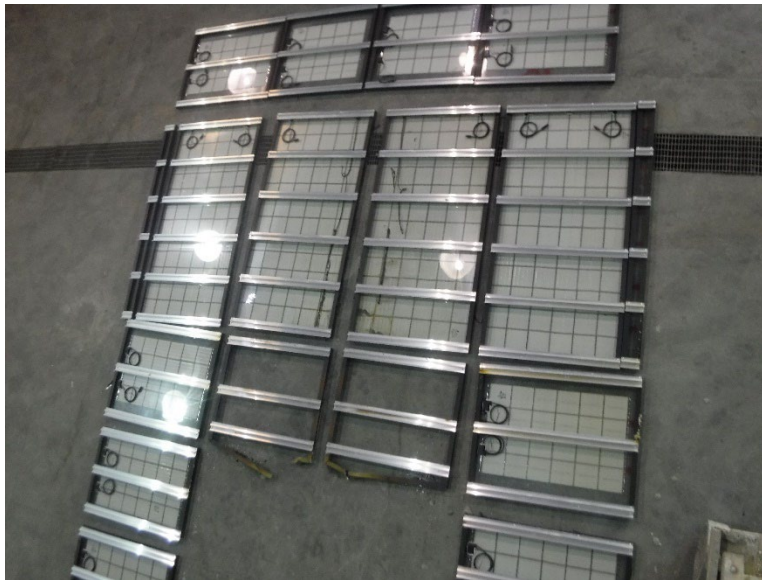
Photo No. 16  
Cladding Removed (Post-Test)

## TEST REPORT FOR MITREX INC.

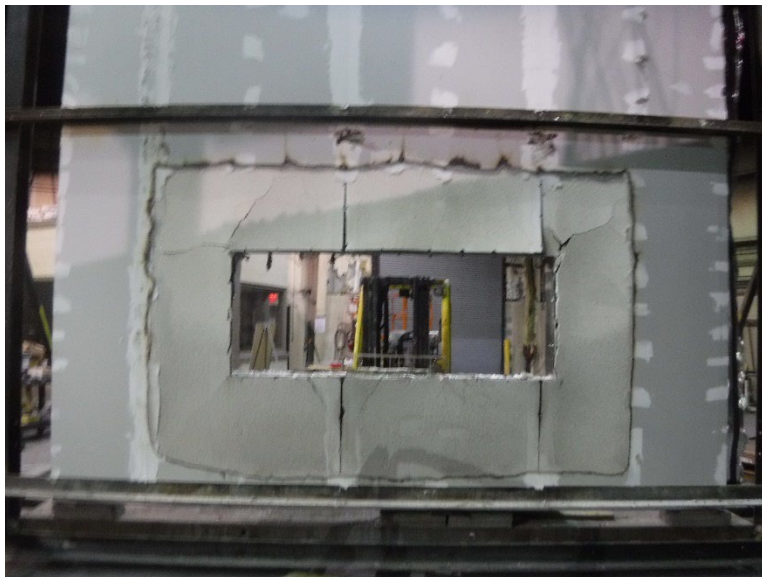
Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 11 (CONTINUED) PHOTOGRAPHS



**Photo No. 17**  
**Cladding Removed (Post-Test)**



**Photo No. 18**  
**First Story Interior Gypsum (Post-Test)**

## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 11 (CONTINUED) PHOTOGRAPHS



**Photo No. 19**  
**Second Story Interior Gypsum (Post-Test)**



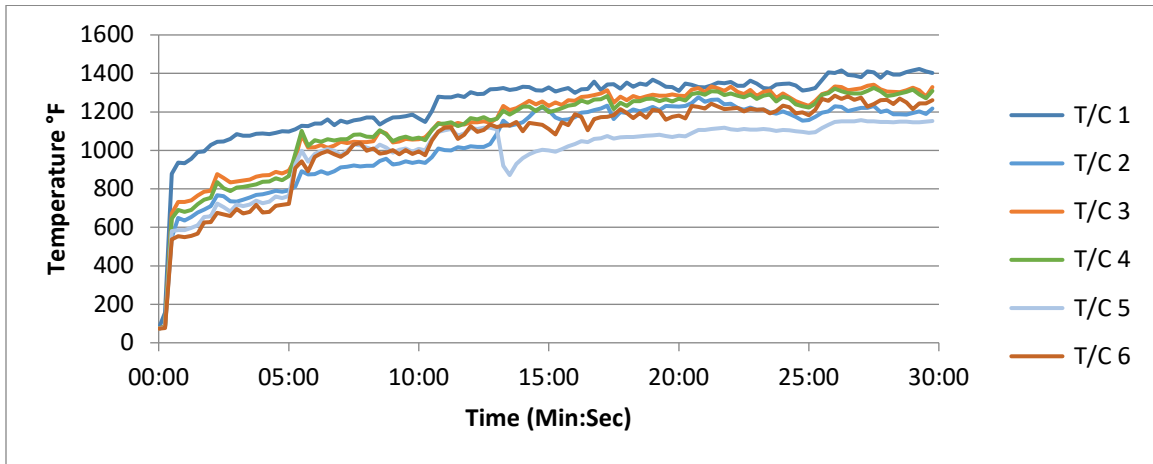
## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

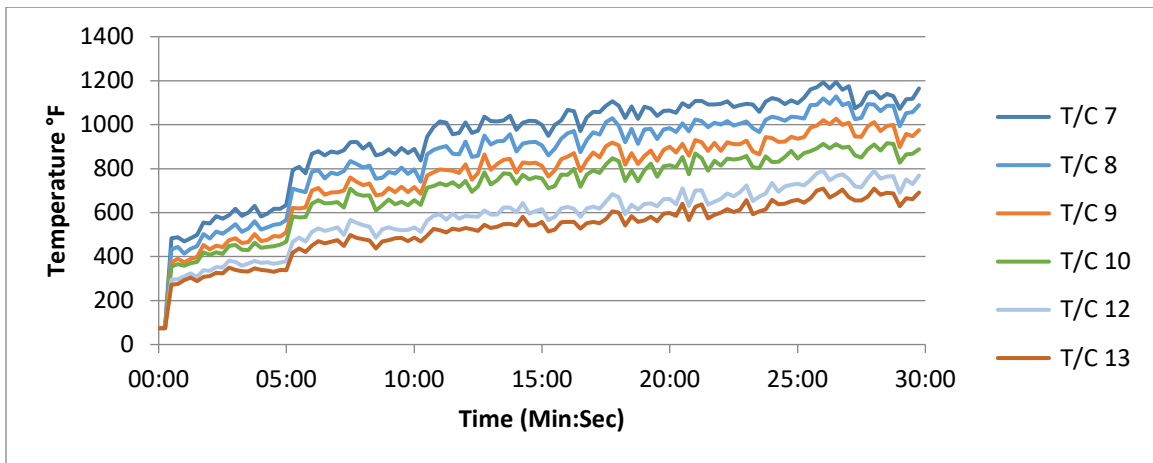
Date: 07/29/22

### SECTION 12

#### GRAPHS



**Graph No. 1**  
**Assembly Centerline (Assembly Exterior)**



**Graph No. 2**  
**Assembly Centerline (Assembly Exterior)**

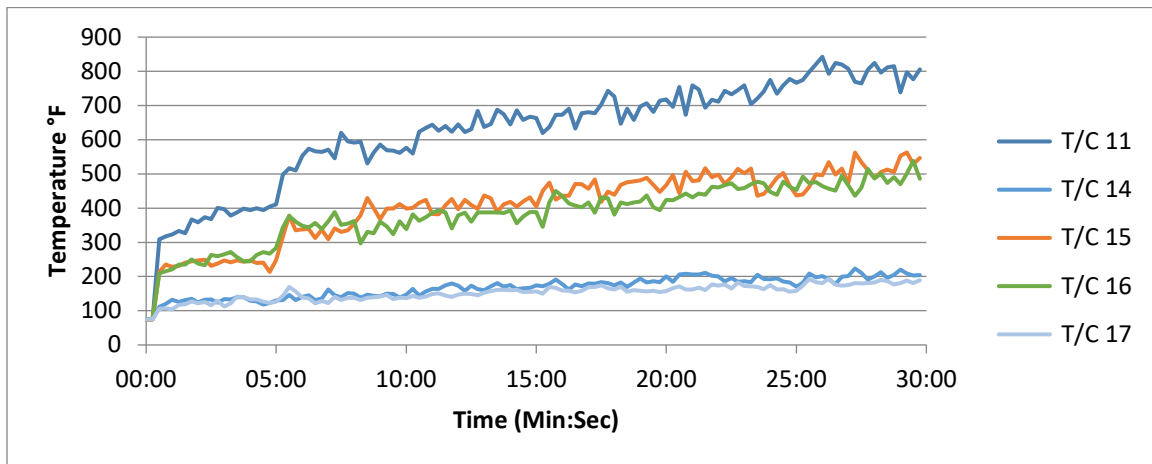
## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

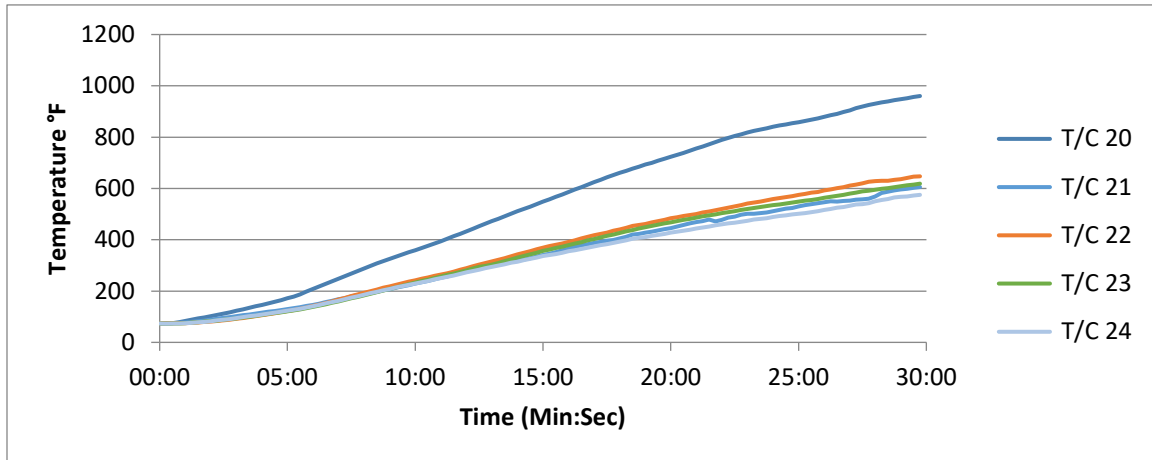
Date: 07/29/22

### SECTION 12 (CONTINUED)

#### GRAPHS



**Graph No. 3**  
**10 ft. above the Window Opening Header (Assembly Exterior)**



**Graph No. 4**  
**Assembly Centerline (Air Cavity Space)**

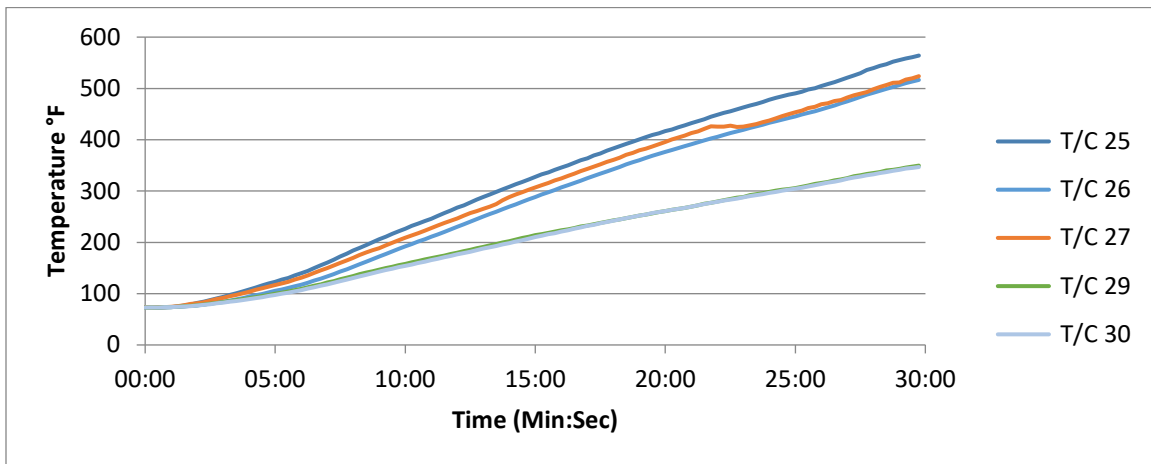
## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

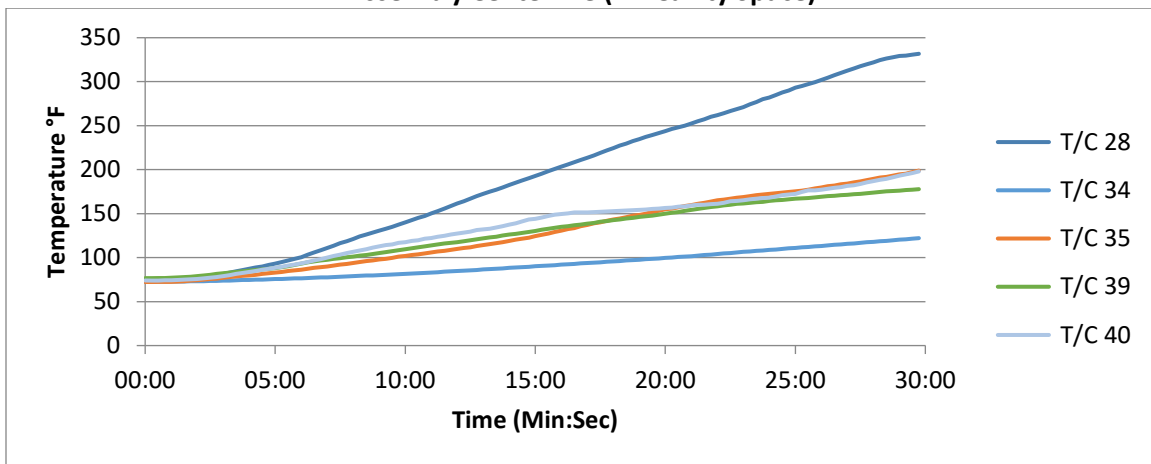
Date: 07/29/22

### SECTION 12 (CONTINUED)

#### GRAPHS



**Graph No. 5**  
**Assembly Centerline (Air Cavity Space)**



**Graph No. 6**  
**10 ft. above the Window Opening Header (Air Cavity Space)**

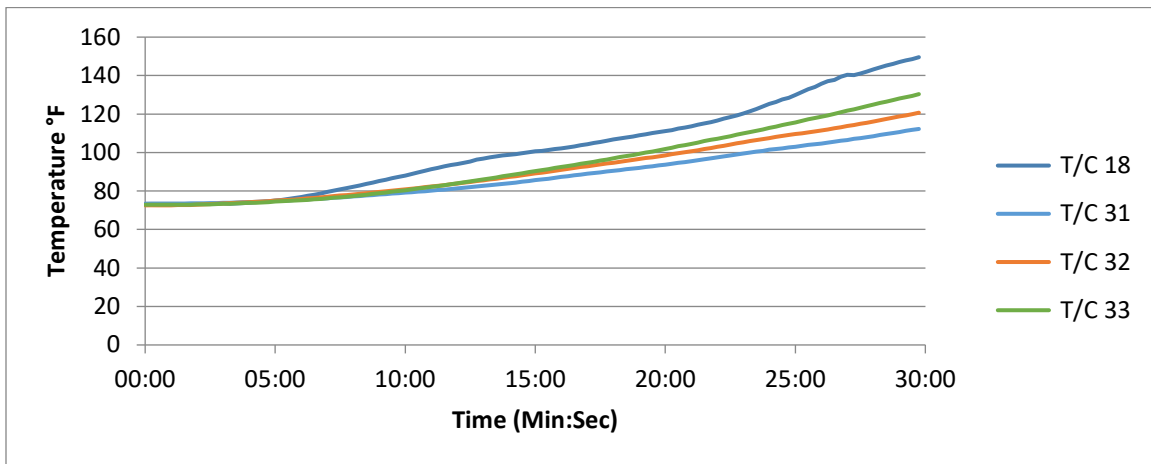
## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

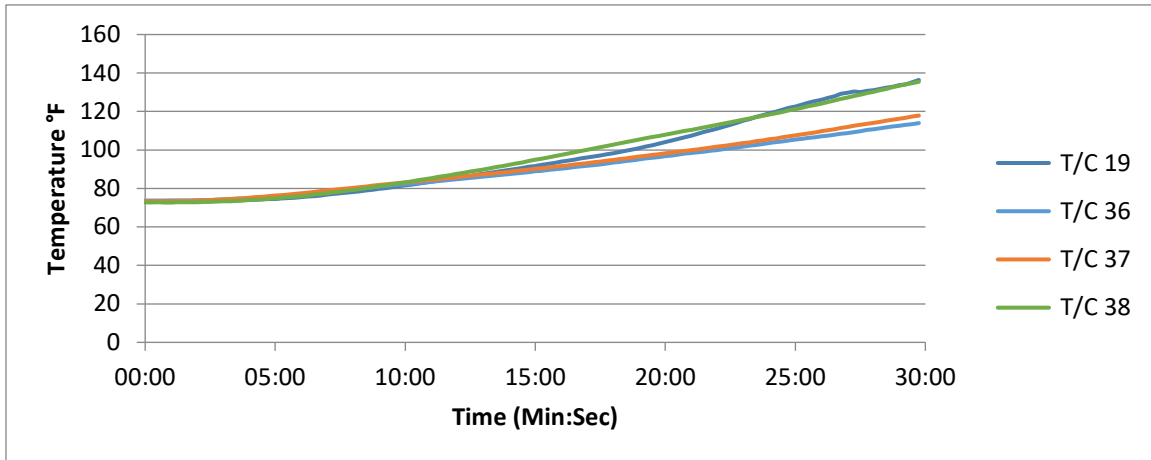
Date: 07/29/22

### SECTION 12 (CONTINUED)

#### GRAPHS



**Graph No. 7**  
**Left of Assembly Centerline (Air Cavity Space)**



**Graph No. 8**  
**Right of Assembly Centerline (Air Cavity Space)**



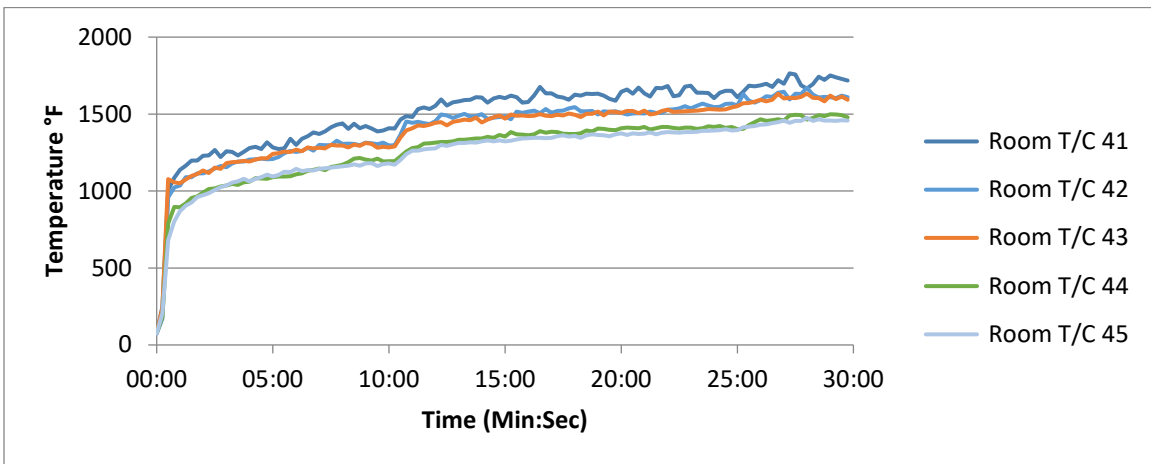
## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

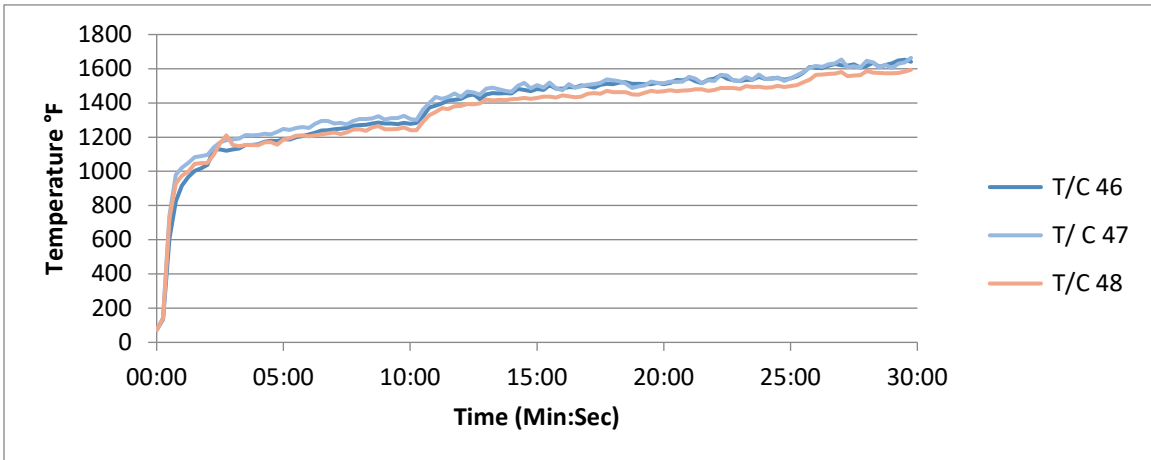
Date: 07/29/22

### SECTION 12(CONTINUED)

#### GRAPHS



**Graph No. 11**  
**First-story Test Room Ceiling**



**Graph No. 12**  
**First-story Interior Wall Surface**

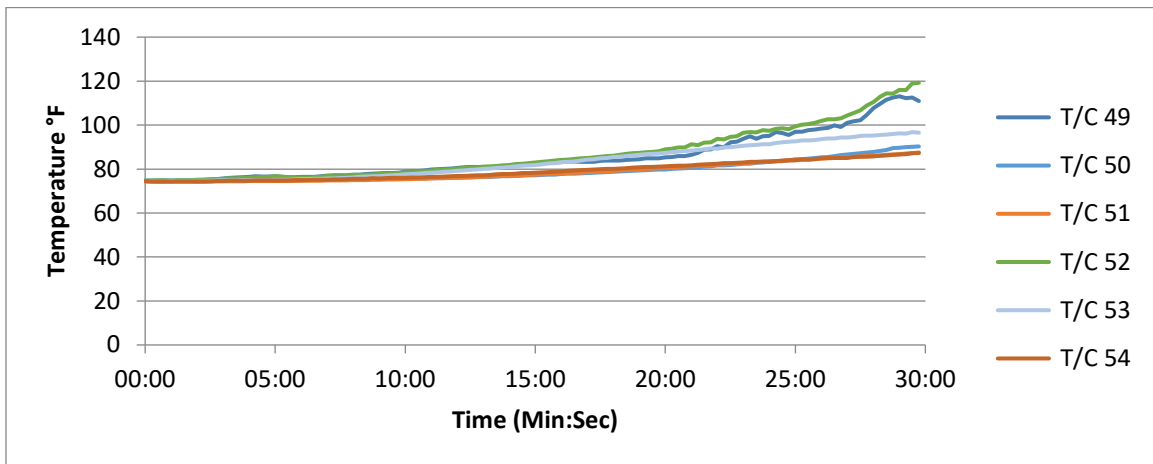
## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 12 (CONTINUED)

#### GRAPHS



**Graph No. 13**  
**Second-story Interior Wall Surface**

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

**SECTION 13**

**NUMERICAL DATA**

TIME (Min:Sec)	ROOM GAS FLOW	WINDOW GAS FLOW	T/C 1	T/C 2	T/C 3	T/C 4	T/C 5	T/C 6	T/C 7	T/C 8	T/C 9
00:00	-0.6	-0.1	73	73	73	73	73	73	74	75	75
00:15	12.5	-0.1	156	85	86	83	79	77	77	75	75
00:30	49.4	-0.1	878	547	673	646	581	537	483	432	373
00:45	40.5	-0.1	937	650	733	690	585	554	488	444	390
01:00	36.2	-0.1	934	636	731	680	585	549	468	413	374
01:15	36.4	-0.1	957	654	741	691	597	556	484	435	389
01:30	36.5	-0.1	992	677	766	720	610	567	497	446	398
01:45	36.4	-0.1	994	692	786	744	654	626	555	502	454
02:00	36.5	-0.1	1028	711	790	754	658	628	551	482	432
02:15	36.5	-0.1	1044	766	877	834	724	676	583	513	450
02:30	36.4	-0.1	1046	763	857	803	705	667	572	504	443
02:45	36.5	-0.1	1059	735	833	788	683	659	589	525	474
03:00	36.5	-0.1	1084	734	839	808	718	695	617	547	483
03:15	36.4	-0.1	1076	743	844	811	710	672	585	513	462
03:30	36.5	-0.1	1077	754	848	817	719	680	600	528	466
03:45	36.5	-0.1	1085	769	864	823	739	717	631	560	503
04:00	36.4	-0.1	1088	772	870	837	725	678	583	523	470
04:15	36.4	-0.1	1084	780	872	838	734	680	595	534	477
04:30	36.5	-0.1	1091	791	889	855	760	712	617	545	494
04:45	36.4	-0.1	1100	786	880	846	752	717	618	549	491
05:00	36.5	-0.1	1097	792	894	866	764	721	635	567	512
05:15	36.4	4.9	1109	811	956	983	927	908	793	709	622
05:30	36.5	13.7	1128	892	1081	1102	998	943	808	700	619
05:45	36.5	4.9	1127	875	1015	1023	942	892	779	694	624
06:00	36.4	3.2	1140	877	1017	1054	981	966	867	786	700
06:15	36.5	4.6	1139	892	1027	1044	996	985	879	794	712
06:30	36.5	4.4	1161	878	1013	1058	1007	996	860	755	681
06:45	36.5	4.4	1131	891	1025	1051	998	980	878	781	692
07:00	36.4	4.3	1154	911	1044	1058	974	966	873	774	694
07:15	36.5	4.2	1145	914	1038	1059	998	988	883	789	700
07:30	36.5	4.3	1156	922	1044	1081	1032	1031	920	834	761
07:45	36.5	4.3	1161	917	1042	1084	1026	1038	922	821	740
08:00	36.5	4.3	1170	920	1042	1071	1015	998	891	805	724
08:15	36.5	4.3	1172	920	1048	1070	1004	1010	915	815	733
08:30	36.4	4.3	1135	946	1101	1104	1030	983	861	755	679
08:45	36.5	4.4	1154	956	1088	1083	1014	989	867	759	683
09:00	36.5	4.3	1171	926	1041	1048	987	1001	889	785	712
09:15	36.4	4.3	1173	932	1046	1063	1004	980	863	777	693
09:30	36.4	4.3	1178	943	1060	1071	1010	1002	894	806	717
09:45	36.5	4.3	1187	935	1056	1060	993	981	871	776	693
10:00	36.5	4.3	1167	941	1059	1066	1009	994	890	796	716
10:15	36.6	4.4	1147	935	1068	1053	1000	975	837	741	686
10:30	40.5	5.0	1204	965	1105	1107	1060	1052	944	865	769



Total Quality. Assured.

130 Derry Court  
York, Pennsylvania 17406

Telephone: 717-764-7700  
Facsimile: 717-764-4129  
www.intertek.com/building

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	ROOM GAS FLOW	WINDOW GAS FLOW	T/C 1	T/C 2	T/C 3	T/C 4	T/C 5	T/C 6	T/C 7	T/C 8	T/C 9
10:45	44.9	5.6	1280	1010	1143	1138	1096	1098	988	885	783
11:00	44.9	5.7	1276	1002	1130	1139	1104	1118	1015	895	797
11:15	45.0	5.7	1276	1001	1130	1145	1111	1120	1009	903	793
11:30	45.0	5.7	1286	1017	1143	1126	1076	1060	957	867	790
11:45	44.8	5.7	1278	1012	1135	1137	1088	1082	963	865	780
12:00	44.8	5.7	1303	1022	1146	1167	1117	1126	1010	923	820
12:15	45.0	5.7	1292	1018	1145	1161	1111	1096	962	853	750
12:30	45.0	5.7	1294	1018	1151	1172	1118	1106	973	859	781
12:45	45.0	5.7	1318	1032	1145	1156	1118	1135	1036	950	865
13:00	44.9	5.7	1319	1087	1167	1165	1109	1121	1016	910	795
13:15	44.9	5.7	1325	1154	1231	1206	921	1129	1015	924	822
13:30	44.9	5.7	1315	1128	1209	1187	871	1129	1019	925	841
13:45	44.9	5.7	1319	1137	1220	1205	931	1148	1041	957	844
14:00	44.9	5.7	1331	1147	1238	1228	960	1099	977	878	782
14:15	44.9	5.7	1329	1174	1258	1228	980	1142	1009	914	828
14:30	44.9	5.7	1312	1209	1240	1205	994	1138	1018	920	824
14:45	44.9	5.7	1310	1223	1254	1229	1004	1132	1016	922	827
15:00	44.9	5.7	1327	1208	1230	1200	1000	1112	998	906	813
15:15	44.9	5.7	1306	1171	1249	1208	993	1082	950	861	764
15:30	44.8	7.2	1315	1157	1236	1219	1006	1146	998	891	792
15:45	44.7	8.2	1325	1161	1261	1232	1022	1131	1019	936	843
16:00	44.7	8.3	1299	1172	1258	1237	1033	1187	1068	960	855
16:15	44.7	8.3	1318	1196	1277	1259	1048	1175	1061	970	870
16:30	44.8	8.3	1319	1200	1281	1248	1044	1104	971	876	790
16:45	44.7	8.3	1357	1209	1287	1264	1060	1162	1034	931	837
17:00	44.7	8.3	1313	1217	1295	1267	1063	1172	1058	965	873
17:15	44.7	8.3	1343	1233	1312	1283	1074	1175	1057	955	852
17:30	44.7	8.3	1344	1163	1247	1214	1061	1182	1086	1011	902
17:45	44.7	8.3	1321	1200	1279	1248	1068	1214	1106	1030	918
18:00	44.8	8.3	1353	1195	1261	1231	1069	1194	1086	995	905
18:15	44.7	8.3	1330	1213	1282	1257	1070	1167	1030	921	819
18:30	44.7	8.2	1347	1203	1271	1256	1074	1194	1084	981	870
18:45	44.7	8.3	1341	1212	1281	1268	1077	1169	1027	912	821
19:00	44.8	8.3	1367	1225	1288	1269	1077	1211	1082	978	858
19:15	44.7	8.2	1351	1210	1284	1256	1081	1206	1072	981	882
19:30	44.8	8.2	1330	1231	1285	1266	1075	1160	1040	935	836
19:45	44.8	8.2	1328	1229	1291	1255	1070	1174	1063	978	885
20:00	44.9	8.2	1309	1228	1284	1269	1076	1181	1064	984	899
20:15	44.7	8.3	1348	1231	1282	1259	1073	1167	1054	967	873
20:30	44.5	10.0	1340	1246	1315	1293	1090	1231	1098	1005	913
20:45	44.7	11.3	1329	1276	1325	1300	1106	1226	1080	970	860
21:00	44.8	11.2	1327	1252	1303	1289	1106	1217	1107	1023	930
21:15	44.9	11.2	1338	1262	1333	1308	1110	1242	1107	1016	920
21:30	44.8	11.2	1353	1264	1322	1305	1114	1228	1092	988	880
21:45	44.7	11.2	1349	1239	1308	1287	1118	1215	1092	1009	917
22:00	44.7	11.2	1356	1243	1331	1295	1109	1218	1095	1000	881

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	ROOM GAS FLOW	WINDOW GAS FLOW	T/C 1	T/C 2	T/C 3	T/C 4	T/C 5	T/C 6	T/C 7	T/C 8	T/C 9
22:15	44.6	11.2	1336	1222	1303	1284	1107	1221	1106	1016	920
22:30	44.7	11.2	1336	1211	1292	1276	1112	1203	1080	996	911
22:45	44.8	11.2	1362	1222	1315	1291	1107	1216	1089	1004	912
23:00	44.7	11.2	1347	1210	1283	1268	1108	1212	1095	1015	928
23:15	44.7	11.2	1324	1213	1303	1285	1111	1213	1091	984	877
23:30	44.7	11.2	1321	1198	1310	1290	1108	1192	1058	967	865
23:45	44.8	11.2	1342	1191	1273	1253	1102	1205	1105	1022	943
24:00	44.8	11.2	1345	1203	1295	1279	1107	1232	1121	1037	939
24:15	44.7	11.2	1347	1189	1275	1269	1104	1224	1114	1029	922
24:30	44.6	11.2	1337	1175	1257	1239	1099	1193	1094	1018	923
24:45	44.7	11.2	1311	1154	1243	1229	1097	1197	1111	1036	944
25:00	44.8	11.1	1315	1158	1231	1223	1092	1182	1097	1034	936
25:15	44.9	11.5	1324	1174	1258	1243	1095	1211	1122	1028	944
25:30	46.9	14.4	1366	1196	1293	1289	1117	1268	1160	1089	987
25:45	48.6	16.0	1405	1202	1302	1297	1133	1258	1170	1090	996
26:00	48.7	16.0	1403	1230	1332	1321	1147	1284	1193	1120	1020
26:15	48.6	15.9	1415	1226	1329	1308	1151	1267	1165	1095	1001
26:30	48.5	15.9	1393	1205	1312	1297	1151	1282	1194	1129	1028
26:45	48.6	15.9	1389	1213	1317	1296	1150	1262	1159	1088	999
27:00	48.6	15.9	1380	1220	1322	1295	1157	1275	1175	1099	1009
27:15	48.6	15.9	1411	1220	1335	1310	1151	1227	1075	1025	946
27:30	48.7	15.9	1406	1230	1341	1325	1151	1240	1094	1031	945
27:45	48.5	15.9	1378	1199	1317	1307	1148	1262	1145	1093	993
28:00	48.6	15.9	1408	1207	1305	1282	1147	1262	1150	1091	1012
28:15	48.6	15.9	1394	1188	1304	1287	1147	1241	1120	1061	971
28:30	48.5	15.9	1394	1188	1303	1296	1150	1270	1140	1086	994
28:45	48.7	15.9	1407	1186	1312	1304	1150	1249	1130	1086	998
29:00	48.6	15.9	1416	1194	1327	1316	1147	1214	1071	992	899
29:15	48.6	15.9	1423	1202	1313	1290	1146	1245	1116	1053	959
29:30	48.6	15.9	1411	1189	1279	1272	1150	1245	1117	1057	947
29:45	48.6	15.9	1403	1218	1329	1310	1152	1261	1165	1089	975
30:00	48.6	15.9	1387	1215	1311	1294	1144	1244	1144	1078	989

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 10	T/C 11	T/C 12	T/C 13	T/C 14	T/C 15	T/C 16	T/C 17	T/C 18	T/C 19
00:00	75	75	75	74	75	74	75	75	73	74
00:15	75	75	75	74	75	74	75	75	73	74
00:30	355	309	295	272	112	213	210	106	73	74
00:45	366	318	298	276	120	235	216	107	73	74
01:00	358	323	311	293	132	229	221	104	73	74
01:15	371	333	323	305	126	231	235	117	73	74
01:30	375	327	307	288	131	240	235	119	73	74
01:45	420	367	338	308	135	245	250	128	73	74
02:00	408	358	335	311	125	247	237	122	73	74
02:15	420	374	353	326	132	249	234	126	73	74
02:30	411	368	349	323	133	232	263	116	73	74
02:45	449	401	381	350	124	238	260	129	73	74
03:00	453	397	375	339	134	247	265	113	74	74
03:15	432	378	358	333	133	242	271	121	73	74
03:30	430	387	368	333	139	248	256	142	74	74
03:45	464	399	381	347	139	244	244	140	74	74
04:00	439	394	372	340	130	248	244	133	74	74
04:15	444	400	375	337	127	240	263	133	74	74
04:30	447	394	367	331	118	240	272	126	74	74
04:45	454	405	374	339	123	214	267	123	75	74
05:00	467	411	379	338	130	248	284	127	75	75
05:15	582	498	467	419	131	316	343	144	75	75
05:30	578	517	486	437	146	378	378	169	76	75
05:45	579	510	469	422	131	335	360	157	76	75
06:00	641	553	512	450	140	338	348	139	77	75
06:15	657	574	528	471	146	339	344	136	78	76
06:30	642	566	517	460	131	312	356	122	78	76
06:45	643	564	524	467	136	337	339	129	79	76
07:00	648	571	533	474	162	309	361	123	79	77
07:15	623	545	498	448	145	341	388	140	80	77
07:30	710	620	566	498	139	330	351	131	81	77
07:45	685	595	553	485	151	335	355	138	82	78
08:00	676	591	544	480	150	354	362	137	82	78
08:15	679	594	536	474	138	379	297	131	83	79
08:30	610	531	487	437	147	430	330	138	84	79
08:45	633	562	524	469	143	400	327	140	84	79
09:00	659	586	532	475	143	368	361	141	85	80
09:15	637	569	525	484	150	399	346	147	86	80
09:30	650	568	520	484	149	399	324	134	87	81
09:45	634	562	521	471	139	412	361	138	87	81
10:00	656	577	533	487	147	399	339	136	88	82
10:15	635	559	513	469	164	400	382	143	89	82
10:30	713	624	563	495	144	416	363	138	90	83
10:45	720	634	586	526	157	424	374	141	91	83
11:00	734	644	592	520	164	382	386	149	91	84
11:15	723	626	568	509	164	382	393	151	92	84
11:30	738	640	596	527	174	409	388	145	93	85



Total Quality. Assured.

130 Derry Court  
York, Pennsylvania 17406

Telephone: 717-764-7700  
Facsimile: 717-764-4129  
www.intertek.com/building

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 10	T/C 11	T/C 12	T/C 13	T/C 14	T/C 15	T/C 16	T/C 17	T/C 18	T/C 19
11:45	716	623	572	521	180	427	341	141	94	85
12:00	743	645	586	530	173	397	379	147	94	86
12:15	695	622	583	524	158	424	387	150	95	86
12:30	719	630	581	517	173	409	360	149	95	87
12:45	784	684	609	545	163	398	387	146	96	87
13:00	728	637	592	530	160	437	387	153	97	88
13:15	748	645	592	535	171	429	388	158	98	88
13:30	780	688	624	548	181	387	388	161	98	89
13:45	775	675	624	549	170	411	386	161	98	89
14:00	731	645	601	541	175	419	393	160	99	90
14:15	772	686	644	581	163	404	355	161	99	90
14:30	752	658	596	542	166	419	375	154	100	91
14:45	762	667	607	544	167	432	388	155	100	91
15:00	756	663	616	558	175	404	389	156	101	92
15:15	711	620	566	515	171	450	345	150	101	92
15:30	721	638	581	523	179	474	417	170	101	93
15:45	773	673	618	557	191	425	451	167	102	93
16:00	772	673	626	558	178	436	435	159	102	94
16:15	799	691	618	557	163	436	414	158	103	95
16:30	718	633	580	527	178	471	407	153	103	95
16:45	773	677	619	552	172	470	402	158	104	96
17:00	792	681	627	558	180	457	416	169	104	96
17:15	780	678	618	552	179	484	387	170	105	97
17:30	820	703	651	570	184	419	432	175	106	97
17:45	848	743	685	606	181	448	429	166	106	98
18:00	834	727	670	599	174	439	381	162	107	98
18:15	744	647	593	542	182	468	417	171	107	99
18:30	792	691	637	584	169	475	412	156	108	100
18:45	742	658	614	558	182	479	417	160	108	100
19:00	792	697	639	565	193	481	419	158	109	101
19:15	823	706	641	581	183	488	437	156	110	102
19:30	763	682	630	560	186	468	403	158	110	103
19:45	812	714	661	595	184	447	394	154	111	103
20:00	815	718	662	598	201	467	424	157	111	104
20:15	807	696	637	586	184	497	423	166	112	105
20:30	853	754	710	641	206	444	433	171	112	106
20:45	775	673	630	567	208	507	443	162	113	107
21:00	870	759	701	626	206	479	431	162	114	107
21:15	847	747	702	637	206	481	443	168	114	108
21:30	790	693	636	574	211	517	439	160	115	109
21:45	835	717	650	590	202	490	462	177	116	110
22:00	813	711	662	600	200	498	460	173	117	111
22:15	845	743	687	616	185	470	468	177	118	112
22:30	842	732	674	603	196	491	472	165	118	113
22:45	847	745	693	613	185	515	456	183	119	114
23:00	858	759	724	656	187	501	458	172	120	115
23:15	806	704	653	593	184	516	470	171	121	116



Total Quality. Assured.

130 Derry Court  
York, Pennsylvania 17406

Telephone: 717-764-7700  
Facsimile: 717-764-4129  
www.intertek.com/building

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 10	T/C 11	T/C 12	T/C 13	T/C 14	T/C 15	T/C 16	T/C 17	T/C 18	T/C 19
23:30	803	720	673	606	205	436	478	170	123	117
23:45	856	741	687	614	193	441	473	163	124	118
24:00	830	775	736	658	192	463	447	175	125	119
24:15	831	735	695	637	195	488	439	162	126	120
24:30	853	759	719	641	185	503	477	163	128	121
24:45	881	778	727	652	183	465	462	156	128	122
25:00	845	767	731	659	170	437	453	158	130	123
25:15	870	775	724	645	182	440	492	174	132	124
25:30	879	798	749	665	209	463	473	193	133	125
25:45	892	820	778	700	198	499	476	184	134	125
26:00	913	843	790	709	202	496	464	181	136	126
26:15	892	793	748	668	192	534	457	194	137	127
26:30	912	824	766	684	178	498	451	177	138	128
26:45	895	820	774	705	200	515	494	173	139	129
27:00	899	807	753	670	202	473	467	175	140	130
27:15	860	770	720	655	224	562	436	181	140	130
27:30	850	765	715	656	211	534	459	180	141	130
27:45	889	805	756	672	191	511	515	181	142	131
28:00	909	824	790	709	200	487	486	183	143	131
28:15	882	797	754	681	213	506	500	191	144	132
28:30	916	811	765	690	196	513	474	187	145	132
28:45	912	815	766	687	205	506	490	177	146	133
29:00	827	738	690	629	220	553	470	181	147	134
29:15	865	797	751	665	209	563	501	188	148	134
29:30	868	777	729	661	203	529	538	181	149	135
29:45	888	806	768	692	204	547	485	189	150	136
30:00	912	822	765	683	205	488	504	185	150	138





Total Quality. Assured.

130 Derry Court  
York, Pennsylvania 17406

Telephone: 717-764-7700  
Facsimile: 717-764-4129  
www.intertek.com/building

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 20	T/C 21	T/C 22	T/C 23	T/C 24	T/C 25	T/C 26	T/C 27	T/C 28	T/C 29
00:00	74	74	74	73	73	73	74	74	73	73
00:15	74	74	74	73	73	73	74	74	73	73
00:30	75	74	74	73	73	73	74	74	73	73
00:45	79	76	74	74	74	73	74	74	73	74
01:00	83	77	75	75	75	74	74	75	74	74
01:15	88	80	76	77	76	75	74	76	74	75
01:30	93	82	77	79	78	77	75	78	75	75
01:45	98	85	79	81	80	79	76	80	76	77
02:00	102	89	81	83	83	82	77	81	77	78
02:15	107	92	84	85	86	85	79	83	78	79
02:30	112	95	86	88	88	88	80	86	79	80
02:45	118	99	89	91	91	91	82	89	80	82
03:00	123	102	92	94	95	94	84	92	81	84
03:15	129	106	95	97	98	97	86	95	83	85
03:30	135	109	99	100	102	101	89	97	84	87
03:45	140	112	102	104	105	105	91	101	86	89
04:00	146	116	106	107	109	108	94	104	87	91
04:15	153	119	110	111	113	112	97	107	89	93
04:30	159	123	114	114	116	116	100	110	90	95
04:45	165	126	118	118	120	120	102	114	92	98
05:00	172	130	122	121	124	123	105	117	93	100
05:15	178	133	126	125	128	127	108	120	95	102
05:30	187	137	131	129	131	131	111	123	97	104
05:45	198	142	136	133	136	135	114	127	99	107
06:00	208	146	142	138	141	140	118	131	101	109
06:15	218	151	148	143	146	144	121	136	103	112
06:30	228	156	153	149	152	150	125	140	106	115
06:45	238	161	160	154	157	156	129	145	108	118
07:00	248	168	167	160	163	161	134	150	111	121
07:15	258	172	173	166	168	166	138	155	113	125
07:30	268	179	181	171	174	172	143	160	116	128
07:45	278	184	187	178	180	178	148	165	119	131
08:00	288	188	193	184	186	184	152	170	121	135
08:15	298	192	200	190	192	189	157	175	124	138
08:30	308	197	206	196	198	195	162	181	126	141
08:45	317	203	213	202	203	201	167	185	128	144
09:00	326	207	219	209	209	206	172	189	131	147
09:15	334	214	225	215	214	211	177	194	133	150
09:30	343	218	231	221	220	216	182	199	135	153
09:45	351	223	237	227	225	221	187	204	138	156
10:00	359	230	242	233	230	226	192	209	140	158
10:15	368	234	248	239	235	232	197	214	142	161
10:30	376	239	254	245	240	236	201	218	145	164
10:45	385	245	259	251	245	241	206	223	148	166
11:00	394	252	264	257	250	246	211	228	150	169
11:15	404	257	269	263	256	252	216	233	153	172
11:30	413	264	275	268	261	257	221	238	156	174



Total Quality. Assured.

130 Derry Court  
York, Pennsylvania 17406

Telephone: 717-764-7700  
Facsimile: 717-764-4129  
www.intertek.com/building

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 20	T/C 21	T/C 22	T/C 23	T/C 24	T/C 25	T/C 26	T/C 27	T/C 28	T/C 29
11:45	423	271	283	274	266	262	225	242	159	177
12:00	433	278	290	281	273	268	230	246	162	180
12:15	443	284	296	288	278	272	235	252	164	183
12:30	453	288	303	294	283	278	240	257	167	185
12:45	463	293	310	299	289	284	245	261	170	188
13:00	472	298	315	303	294	288	250	265	172	191
13:15	482	304	321	310	299	293	255	270	175	194
13:30	492	308	329	317	305	298	260	275	177	197
13:45	501	313	336	323	310	303	265	282	180	199
14:00	511	318	342	330	315	308	269	288	183	202
14:15	520	323	349	336	321	313	274	293	185	205
14:30	529	328	355	343	326	318	279	297	188	208
14:45	539	334	362	350	331	323	284	303	190	211
15:00	549	340	369	356	336	327	289	307	193	214
15:15	558	346	375	362	340	333	293	311	196	216
15:30	567	352	380	368	344	336	298	316	198	218
15:45	576	359	386	373	349	341	302	321	201	221
16:00	586	365	392	379	355	346	307	324	203	224
16:15	596	372	397	385	359	350	311	329	206	226
16:30	605	378	405	391	364	355	316	334	209	228
16:45	615	383	411	397	369	360	320	339	211	231
17:00	624	388	417	403	374	364	325	343	214	233
17:15	634	392	423	409	379	369	329	348	216	235
17:30	644	396	428	415	383	373	334	352	219	238
17:45	652	399	435	421	388	379	338	357	222	240
18:00	661	406	441	427	392	383	343	361	224	242
18:15	668	411	446	432	398	387	347	365	227	244
18:30	677	421	453	438	404	392	352	370	230	247
18:45	684	423	458	444	407	396	356	374	232	249
19:00	693	427	462	449	410	400	360	380	235	252
19:15	700	432	468	454	415	405	364	383	237	254
19:30	708	436	473	459	420	409	368	387	239	256
19:45	716	441	478	464	423	412	372	391	242	259
20:00	723	446	484	468	428	417	376	396	244	261
20:15	730	452	487	473	431	420	380	400	246	263
20:30	738	458	493	477	436	424	384	404	248	265
20:45	747	464	496	481	439	428	387	408	250	267
21:00	755	469	500	486	444	432	391	413	252	270
21:15	764	473	506	491	448	436	395	416	255	272
21:30	773	479	510	495	452	440	398	421	257	275
21:45	781	472	516	499	456	445	402	426	260	277
22:00	789	478	521	504	460	448	406	426	262	279
22:15	797	486	525	508	463	452	410	426	264	282
22:30	804	491	530	512	467	456	413	427	267	285
22:45	811	498	535	516	470	459	416	425	269	287
23:00	818	502	541	520	474	463	420	426	271	288
23:15	824	501	545	524	479	467	423	428	274	292



Total Quality. Assured.

130 Derry Court  
York, Pennsylvania 17406

Telephone: 717-764-7700  
Facsimile: 717-764-4129  
www.intertek.com/building

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 20	T/C 21	T/C 22	T/C 23	T/C 24	T/C 25	T/C 26	T/C 27	T/C 28	T/C 29
23:30	830	504	549	527	482	470	426	431	277	294
23:45	835	507	554	531	484	473	430	434	280	296
24:00	840	512	559	535	489	478	433	437	282	299
24:15	846	516	562	538	492	482	436	442	285	301
24:30	850	521	566	542	495	484	439	446	288	303
24:45	854	524	570	545	498	488	442	450	290	304
25:00	859	530	575	549	502	490	446	454	293	306
25:15	863	534	579	552	504	494	449	457	295	309
25:30	868	539	583	555	508	498	452	462	297	311
25:45	873	542	587	559	511	500	455	464	299	314
26:00	879	547	592	563	517	505	459	469	302	316
26:15	885	550	597	567	520	509	463	471	304	318
26:30	891	549	601	572	525	512	467	475	307	321
26:45	898	551	605	575	528	516	471	477	310	323
27:00	905	553	611	580	532	521	475	482	313	325
27:15	913	556	615	584	537	525	479	487	315	329
27:30	920	558	620	589	539	530	483	490	317	331
27:45	925	560	626	592	543	536	488	493	320	333
28:00	930	569	628	595	550	539	491	498	322	335
28:15	935	582	630	598	555	544	496	503	325	337
28:30	939	588	630	602	559	547	499	507	326	340
28:45	944	592	634	605	565	552	503	511	328	342
29:00	948	596	637	609	567	555	507	512	329	343
29:15	952	599	641	612	569	558	510	517	330	345
29:30	956	602	646	615	572	561	514	520	331	347
29:45	960	605	647	619	575	564	517	524	332	350
30:00	965	609	652	622	577	567	520	525	334	351



Total Quality. Assured.

130 Derry Court  
York, Pennsylvania 17406

Telephone: 717-764-7700  
Facsimile: 717-764-4129  
www.intertek.com/building

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 30	T/C 31	T/C 32	T/C 33	T/C 34	T/C 35	T/C 36	T/C 37	T/C 38	T/C 39
00:00	73	73	73	73	73	72	74	73	73	77
00:15	73	73	73	73	73	72	74	73	73	77
00:30	73	73	73	73	73	72	74	73	73	77
00:45	73	73	73	73	73	72	74	73	73	77
01:00	74	73	73	73	73	73	74	73	73	77
01:15	74	73	73	73	73	73	74	73	73	78
01:30	75	73	73	73	73	73	74	73	73	78
01:45	76	73	73	73	73	74	74	74	73	78
02:00	77	74	73	73	73	74	74	74	73	79
02:15	78	74	73	73	73	75	74	74	73	80
02:30	80	74	73	73	73	76	74	74	73	81
02:45	81	74	73	73	74	76	74	74	73	81
03:00	83	74	73	73	74	77	74	74	73	82
03:15	84	74	74	73	74	78	74	74	73	83
03:30	86	74	74	74	74	78	75	75	74	84
03:45	87	74	74	74	74	79	75	75	74	84
04:00	89	74	74	74	75	80	75	75	74	85
04:15	91	74	74	74	75	81	75	75	74	86
04:30	93	75	75	74	75	81	75	76	74	86
04:45	95	75	75	74	75	82	76	76	75	87
05:00	98	75	75	74	76	83	76	76	75	88
05:15	100	75	75	75	76	84	76	77	75	89
05:30	102	75	75	75	76	85	76	77	75	90
05:45	104	75	76	75	76	86	77	77	76	92
06:00	107	76	76	75	77	86	77	77	76	93
06:15	110	76	76	75	77	87	77	78	76	94
06:30	112	76	76	76	77	88	78	78	77	96
06:45	115	76	77	76	77	89	78	79	77	97
07:00	118	76	77	76	78	90	78	79	78	98
07:15	121	77	77	76	78	91	79	79	78	98
07:30	124	77	78	77	78	92	79	80	78	99
07:45	128	77	78	77	79	93	79	80	79	100
08:00	131	77	78	77	79	94	80	80	79	101
08:15	134	77	79	78	79	95	80	81	80	102
08:30	137	78	79	78	80	96	80	81	80	103
08:45	140	78	79	78	80	97	81	81	81	104
09:00	143	78	80	79	80	98	81	82	81	105
09:15	146	78	80	79	81	99	81	82	82	106
09:30	149	79	80	80	81	100	82	82	82	107
09:45	152	79	81	80	81	101	82	83	83	108
10:00	154	79	81	80	82	102	82	83	83	109
10:15	157	79	81	81	82	103	83	83	84	111
10:30	160	80	82	81	82	104	83	84	84	112
10:45	162	80	82	82	83	105	83	84	85	113
11:00	165	80	82	82	83	106	83	85	85	114
11:15	168	81	83	83	84	107	84	85	86	115
11:30	171	81	83	83	84	108	84	85	86	116



Total Quality. Assured.

130 Derry Court  
York, Pennsylvania 17406

Telephone: 717-764-7700  
Facsimile: 717-764-4129  
www.intertek.com/building

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 30	T/C 31	T/C 32	T/C 33	T/C 34	T/C 35	T/C 36	T/C 37	T/C 38	T/C 39
11:45	174	81	84	84	84	109	84	86	87	117
12:00	177	81	84	84	85	110	85	86	88	118
12:15	179	82	84	85	85	111	85	86	88	119
12:30	182	82	85	85	86	112	85	87	89	120
12:45	185	82	85	86	86	113	86	87	89	121
13:00	188	83	86	86	86	114	86	87	90	122
13:15	190	83	86	87	87	115	86	88	90	123
13:30	193	83	86	87	87	116	87	88	91	124
13:45	196	84	87	88	88	117	87	88	92	125
14:00	199	84	87	88	88	119	87	89	92	126
14:15	202	84	88	89	89	121	88	89	93	127
14:30	204	85	88	89	89	122	88	89	94	128
14:45	207	85	89	90	90	123	89	90	94	129
15:00	210	86	89	90	90	125	89	90	95	130
15:15	213	86	90	91	91	126	89	90	95	132
15:30	216	86	90	91	91	127	90	91	96	133
15:45	218	87	91	92	91	129	90	91	97	134
16:00	221	87	91	92	92	131	90	92	97	135
16:15	224	88	92	93	92	132	91	92	98	136
16:30	226	88	92	94	93	134	91	92	99	137
16:45	229	89	92	94	93	136	91	93	99	138
17:00	232	89	93	95	94	137	92	93	100	139
17:15	234	89	93	95	94	139	92	94	101	140
17:30	237	90	94	96	95	140	93	94	101	141
17:45	240	90	94	96	95	142	93	94	102	142
18:00	242	91	95	97	96	143	93	95	103	142
18:15	245	91	95	98	96	144	94	95	103	143
18:30	247	91	96	98	97	146	94	96	104	144
18:45	249	92	96	99	97	148	95	96	105	145
19:00	252	92	97	99	98	148	95	97	105	146
19:15	254	92	97	100	98	150	96	97	106	147
19:30	257	93	98	101	99	152	96	97	107	148
19:45	259	93	98	101	99	153	96	98	107	149
20:00	261	94	99	102	100	155	97	98	108	150
20:15	263	94	99	103	100	156	97	99	109	151
20:30	265	95	100	103	101	157	98	99	109	152
20:45	267	95	100	104	101	159	98	99	110	153
21:00	270	96	101	105	102	160	98	100	110	154
21:15	272	96	101	105	102	161	99	100	111	155
21:30	275	96	102	106	103	162	99	101	112	156
21:45	277	97	102	107	103	164	100	101	112	157
22:00	279	97	103	107	104	165	100	102	113	158
22:15	281	98	104	108	105	166	100	102	114	159
22:30	283	99	104	109	105	167	101	103	114	160
22:45	285	99	105	109	106	168	101	103	115	161
23:00	288	100	105	110	106	169	102	104	116	162
23:15	290	100	106	111	107	170	102	104	116	162



Total Quality. Assured.

130 Derry Court  
York, Pennsylvania 17406

Telephone: 717-764-7700  
Facsimile: 717-764-4129  
www.intertek.com/building

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 30	T/C 31	T/C 32	T/C 33	T/C 34	T/C 35	T/C 36	T/C 37	T/C 38	T/C 39
23:30	292	100	107	111	108	171	103	105	117	163
23:45	294	101	107	112	108	172	103	105	118	164
24:00	296	101	108	113	109	173	104	106	118	164
24:15	299	102	108	113	109	173	104	106	119	165
24:30	301	102	109	114	110	174	105	107	120	166
24:45	302	103	109	115	110	175	105	107	121	166
25:00	305	103	110	116	111	176	105	108	121	167
25:15	307	104	110	116	112	176	106	108	122	167
25:30	309	104	111	117	112	177	106	109	123	168
25:45	311	104	111	118	113	179	107	109	123	168
26:00	314	105	112	119	113	180	107	110	124	169
26:15	316	105	112	119	114	181	107	110	125	170
26:30	318	106	113	120	115	182	108	111	126	170
26:45	321	106	113	121	115	183	108	111	126	171
27:00	324	107	114	122	116	184	109	112	127	171
27:15	326	107	114	123	116	185	109	113	128	172
27:30	328	108	115	123	117	187	110	113	129	173
27:45	330	108	116	124	117	188	110	114	130	173
28:00	332	109	116	125	118	190	111	114	130	174
28:15	335	109	117	126	119	191	111	115	131	175
28:30	337	110	117	127	119	192	112	115	132	175
28:45	339	110	118	127	120	193	112	116	133	176
29:00	341	111	119	128	120	195	113	116	133	176
29:15	344	111	119	129	121	196	113	117	134	177
29:30	345	112	120	130	122	197	113	117	135	177
29:45	347	112	121	130	122	199	114	118	135	178
30:00	349	113	121	131	123	200	115	118	136	178

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 40	T/C 41	T/C 42	T/C 43	T/C 44	T/C 45	T/C 46	T/C 47	T/C 48	T/C 49
00:00	74	77	73	77	78	74	73	73	73	75
00:15	74	248	172	243	182	207	134	142	142	75
00:30	74	1005	958	1078	789	680	607	740	724	75
00:45	74	1086	1022	1057	896	802	826	980	930	75
01:00	74	1137	1037	1050	895	870	918	1022	974	75
01:15	75	1164	1090	1076	919	906	967	1050	999	75
01:30	75	1197	1090	1098	954	926	1002	1083	1044	75
01:45	75	1198	1115	1111	965	960	1017	1089	1047	75
02:00	76	1229	1114	1133	991	973	1039	1097	1049	75
02:15	76	1231	1127	1117	1013	986	1129	1139	1097	75
02:30	77	1267	1147	1152	1017	1007	1129	1169	1164	75
02:45	78	1220	1162	1144	1031	1025	1121	1183	1210	75
03:00	79	1258	1154	1181	1035	1035	1128	1187	1154	76
03:15	80	1255	1178	1188	1047	1055	1133	1192	1146	76
03:30	81	1231	1191	1190	1040	1062	1154	1212	1155	76
03:45	83	1254	1192	1195	1056	1081	1154	1210	1154	76
04:00	84	1278	1204	1192	1061	1062	1159	1212	1152	77
04:15	85	1287	1206	1204	1084	1079	1174	1219	1169	77
04:30	86	1273	1210	1213	1081	1090	1179	1215	1172	77
04:45	87	1317	1206	1212	1079	1106	1177	1230	1156	77
05:00	88	1284	1209	1242	1090	1093	1188	1248	1186	77
05:15	90	1273	1221	1246	1095	1105	1187	1242	1193	76
05:30	91	1277	1246	1256	1094	1124	1199	1253	1209	76
05:45	92	1340	1260	1254	1096	1122	1206	1258	1210	76
06:00	93	1301	1255	1269	1108	1145	1216	1253	1204	76
06:15	95	1339	1260	1258	1114	1130	1226	1278	1210	76
06:30	97	1356	1281	1283	1131	1136	1238	1294	1215	76
06:45	98	1380	1263	1277	1139	1135	1240	1294	1222	77
07:00	100	1371	1299	1281	1146	1144	1247	1280	1227	77
07:15	102	1387	1298	1277	1135	1148	1250	1284	1218	77
07:30	103	1415	1298	1299	1156	1152	1254	1275	1228	77
07:45	105	1431	1327	1295	1163	1157	1266	1295	1245	77
08:00	107	1440	1307	1295	1170	1160	1271	1305	1246	77
08:15	108	1405	1308	1282	1188	1164	1271	1306	1237	77
08:30	110	1437	1307	1301	1211	1172	1280	1309	1258	78
08:45	111	1409	1298	1294	1216	1165	1285	1323	1265	78
09:00	113	1423	1314	1311	1205	1179	1280	1301	1247	78
09:15	114	1406	1310	1306	1198	1182	1279	1312	1247	78
09:30	115	1387	1304	1281	1211	1163	1275	1311	1248	78
09:45	117	1393	1314	1288	1193	1174	1284	1324	1256	78
10:00	118	1409	1295	1283	1194	1179	1277	1306	1241	79
10:15	119	1405	1297	1290	1194	1171	1284	1301	1241	79
10:30	120	1464	1367	1349	1225	1203	1322	1361	1289	79
10:45	121	1486	1451	1394	1257	1239	1372	1399	1328	79
11:00	122	1480	1443	1409	1278	1262	1384	1435	1347	80
11:15	124	1534	1450	1426	1285	1263	1398	1424	1369	80
11:30	125	1542	1441	1423	1308	1271	1415	1436	1364	80

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 40	T/C 41	T/C 42	T/C 43	T/C 44	T/C 45	T/C 46	T/C 47	T/C 48	T/C 49
11:45	126	1533	1434	1430	1311	1276	1418	1456	1381	80
12:00	127	1554	1454	1442	1315	1277	1424	1434	1382	80
12:15	128	1594	1498	1448	1319	1301	1442	1466	1394	81
12:30	129	1556	1492	1427	1319	1294	1450	1461	1391	81
12:45	131	1577	1474	1451	1322	1304	1421	1448	1398	81
13:00	132	1583	1488	1455	1332	1312	1450	1484	1421	81
13:15	133	1591	1501	1465	1334	1312	1458	1490	1414	81
13:30	134	1594	1483	1460	1337	1317	1455	1480	1417	81
13:45	136	1610	1488	1476	1341	1313	1457	1471	1416	81
14:00	138	1608	1499	1445	1341	1322	1455	1465	1422	82
14:15	139	1574	1468	1464	1352	1328	1483	1500	1424	82
14:30	141	1601	1478	1479	1346	1323	1476	1518	1429	82
14:45	143	1612	1481	1492	1364	1329	1469	1485	1424	82
15:00	144	1604	1485	1470	1355	1322	1482	1505	1429	83
15:15	146	1619	1466	1498	1383	1326	1476	1490	1437	83
15:30	147	1609	1515	1489	1368	1335	1504	1519	1438	83
15:45	149	1575	1509	1491	1367	1341	1483	1485	1431	83
16:00	150	1578	1516	1487	1362	1345	1484	1474	1445	83
16:15	150	1623	1522	1489	1369	1346	1494	1510	1440	83
16:30	151	1677	1505	1499	1389	1345	1492	1490	1432	83
16:45	151	1635	1532	1490	1380	1343	1502	1497	1437	83
17:00	151	1634	1508	1488	1385	1346	1498	1506	1454	83
17:15	152	1613	1520	1495	1384	1357	1490	1510	1458	83
17:30	152	1607	1523	1491	1372	1362	1506	1518	1453	84
17:45	152	1593	1538	1504	1370	1353	1511	1538	1471	84
18:00	153	1627	1545	1496	1370	1359	1510	1533	1463	84
18:15	153	1620	1517	1480	1374	1346	1519	1526	1464	84
18:30	154	1633	1518	1501	1393	1362	1521	1514	1464	84
18:45	154	1631	1519	1502	1387	1368	1511	1488	1449	84
19:00	154	1632	1498	1516	1407	1364	1512	1497	1449	84
19:15	155	1619	1519	1492	1405	1362	1510	1503	1460	85
19:30	155	1598	1515	1515	1399	1355	1509	1525	1470	85
19:45	156	1586	1518	1514	1395	1369	1517	1518	1466	85
20:00	157	1645	1507	1509	1409	1375	1510	1516	1469	85
20:15	157	1660	1498	1520	1413	1364	1518	1525	1474	85
20:30	158	1632	1504	1519	1410	1375	1535	1523	1469	86
20:45	158	1672	1505	1506	1408	1370	1532	1524	1473	86
21:00	159	1635	1504	1522	1417	1373	1545	1553	1474	87
21:15	160	1614	1517	1498	1400	1380	1526	1541	1481	87
21:30	160	1671	1507	1503	1408	1368	1515	1515	1480	89
21:45	161	1668	1508	1520	1417	1378	1536	1532	1470	89
22:00	161	1683	1528	1529	1416	1382	1541	1528	1477	90
22:15	162	1615	1531	1515	1409	1381	1563	1565	1487	90
22:30	164	1623	1536	1515	1406	1379	1541	1561	1487	92
22:45	165	1677	1551	1517	1413	1383	1533	1530	1487	92
23:00	165	1684	1536	1520	1413	1383	1529	1529	1481	94
23:15	166	1638	1555	1522	1403	1385	1534	1551	1499	95





Total Quality. Assured.

130 Derry Court  
York, Pennsylvania 17406

Telephone: 717-764-7700  
Facsimile: 717-764-4129  
www.intertek.com/building

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 40	T/C 41	T/C 42	T/C 43	T/C 44	T/C 45	T/C 46	T/C 47	T/C 48	T/C 49
23:30	167	1639	1568	1526	1407	1391	1537	1537	1492	94
23:45	168	1637	1556	1532	1421	1392	1553	1566	1495	95
24:00	168	1603	1544	1530	1417	1394	1541	1540	1490	95
24:15	170	1639	1546	1528	1422	1396	1544	1541	1491	97
24:30	171	1652	1566	1531	1410	1401	1546	1550	1501	96
24:45	172	1651	1568	1543	1416	1394	1535	1529	1494	96
25:00	172	1609	1555	1552	1401	1395	1543	1544	1498	97
25:15	175	1645	1630	1571	1404	1413	1555	1563	1505	97
25:30	176	1684	1587	1573	1429	1418	1577	1581	1521	98
25:45	176	1681	1574	1580	1447	1423	1611	1607	1536	98
26:00	177	1686	1592	1593	1467	1430	1605	1616	1564	98
26:15	178	1697	1615	1583	1456	1434	1604	1610	1566	99
26:30	179	1677	1611	1593	1460	1441	1619	1626	1569	100
26:45	180	1720	1639	1632	1465	1447	1627	1632	1571	99
27:00	182	1696	1646	1602	1458	1458	1621	1655	1581	101
27:15	182	1765	1596	1605	1491	1443	1619	1610	1556	102
27:30	184	1757	1634	1604	1496	1456	1627	1614	1561	102
27:45	186	1686	1630	1613	1494	1455	1608	1608	1563	105
28:00	187	1665	1671	1633	1465	1476	1617	1646	1587	108
28:15	189	1695	1627	1605	1474	1457	1636	1637	1578	110
28:30	189	1742	1608	1603	1493	1467	1610	1607	1576	112
28:45	191	1723	1613	1583	1487	1458	1622	1623	1573	113
29:00	193	1750	1609	1620	1499	1459	1631	1603	1573	113
29:15	195	1738	1604	1597	1497	1455	1649	1630	1576	112
29:30	196	1728	1620	1613	1493	1461	1653	1638	1582	113
29:45	198	1717	1610	1593	1478	1458	1641	1664	1594	111
30:00	200	1686	1659	1620	1486	1472	1658	1673	1596	111

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 50	T/C 51	T/C 52	T/C 53	T/C 54
00:00	74	74	75	75	75
00:15	74	74	75	75	74
00:30	74	74	75	75	74
00:45	74	74	75	75	74
01:00	74	74	75	75	74
01:15	74	74	75	75	74
01:30	74	74	75	75	74
01:45	74	74	75	75	74
02:00	74	74	75	75	74
02:15	74	74	75	75	74
02:30	74	74	75	75	74
02:45	75	74	75	75	75
03:00	75	74	76	75	75
03:15	75	74	76	75	75
03:30	75	74	76	75	75
03:45	75	74	76	75	75
04:00	75	74	76	75	75
04:15	75	75	76	75	75
04:30	75	75	76	75	75
04:45	75	75	76	75	75
05:00	75	75	77	75	75
05:15	75	75	77	75	75
05:30	75	75	76	75	75
05:45	75	75	76	75	75
06:00	75	75	76	75	75
06:15	75	75	76	75	75
06:30	75	75	76	76	75
06:45	75	75	76	76	75
07:00	75	75	77	76	75
07:15	75	75	77	76	75
07:30	75	75	77	76	75
07:45	75	75	77	76	75
08:00	75	75	77	76	76
08:15	75	75	77	76	76
08:30	75	75	77	77	76
08:45	75	75	78	77	76
09:00	75	75	78	77	76
09:15	75	75	78	77	76
09:30	75	75	78	77	76
09:45	76	75	78	77	76
10:00	76	75	79	78	76
10:15	76	75	79	78	76
10:30	76	76	79	78	76
10:45	76	76	79	78	76
11:00	76	76	79	78	76
11:15	76	76	80	78	76
11:30	76	76	80	79	77

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 50	T/C 51	T/C 52	T/C 53	T/C 54
11:45	76	76	80	79	77
12:00	76	76	80	79	77
12:15	76	76	80	79	77
12:30	76	76	81	80	77
12:45	76	76	81	80	77
13:00	76	76	81	80	77
13:15	77	77	81	80	77
13:30	77	77	81	81	78
13:45	77	77	82	81	78
14:00	77	77	82	81	78
14:15	77	77	82	81	78
14:30	77	77	82	81	78
14:45	77	77	83	82	78
15:00	77	77	83	82	78
15:15	77	78	83	82	79
15:30	77	78	84	82	79
15:45	78	78	84	83	79
16:00	78	78	84	83	79
16:15	78	78	84	83	79
16:30	78	78	85	83	79
16:45	78	78	85	84	80
17:00	78	79	85	84	80
17:15	78	79	85	84	80
17:30	78	79	86	85	80
17:45	79	79	86	85	80
18:00	79	79	86	85	80
18:15	79	79	86	86	80
18:30	79	80	87	86	80
18:45	79	80	87	86	81
19:00	79	80	87	86	81
19:15	79	80	88	87	81
19:30	80	80	88	87	81
19:45	80	80	88	87	81
20:00	80	81	89	87	81
20:15	80	81	89	88	81
20:30	80	81	90	88	82
20:45	80	81	90	88	82
21:00	81	81	91	88	82
21:15	81	81	91	89	82
21:30	81	82	92	89	82
21:45	81	82	92	89	82
22:00	82	82	94	89	82
22:15	82	82	93	90	83
22:30	82	82	95	90	83
22:45	82	82	95	90	83
23:00	82	83	97	91	83
23:15	82	83	97	91	83

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

TIME (Min:Sec)	T/C 50	T/C 51	T/C 52	T/C 53	T/C 54
23:30	83	83	97	91	83
23:45	83	83	98	91	83
24:00	83	83	97	91	83
24:15	84	84	98	92	84
24:30	84	84	99	92	84
24:45	84	84	98	92	84
25:00	84	84	99	93	84
25:15	85	84	100	93	84
25:30	85	84	101	93	84
25:45	85	85	101	93	85
26:00	85	85	102	94	85
26:15	85	85	103	94	85
26:30	86	85	103	94	85
26:45	86	85	103	94	85
27:00	87	85	104	94	85
27:15	87	86	106	95	85
27:30	87	86	107	95	86
27:45	88	86	109	95	86
28:00	88	86	110	95	86
28:15	88	86	113	95	86
28:30	89	86	114	96	86
28:45	90	87	114	96	87
29:00	90	87	116	96	87
29:15	90	87	116	96	87
29:30	90	87	119	97	87
29:45	90	88	119	97	87
30:00	91	88	121	97	87

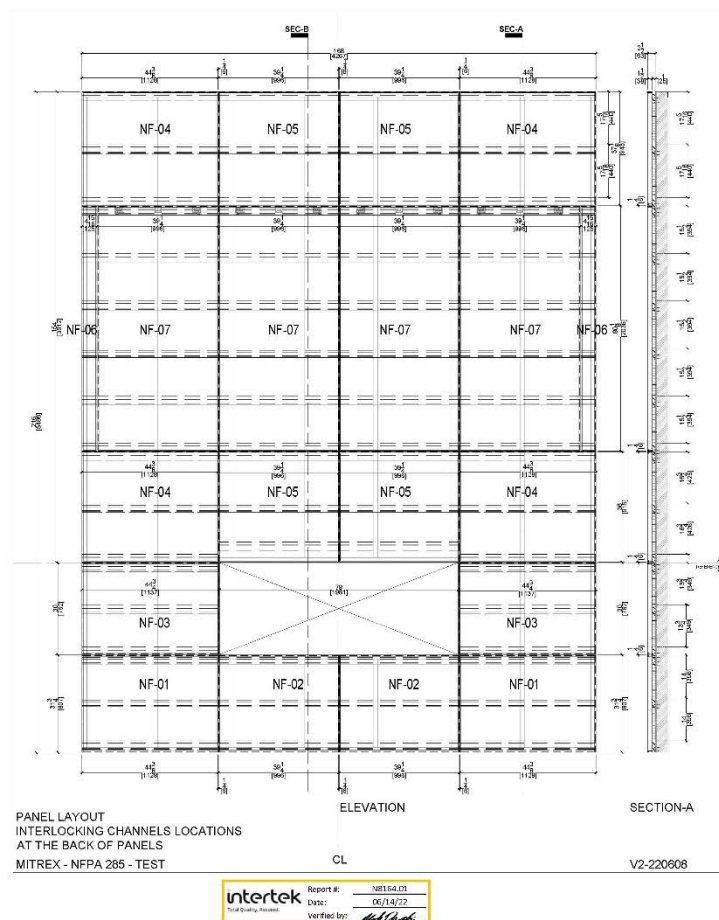
## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

### SECTION 14 DRAWINGS

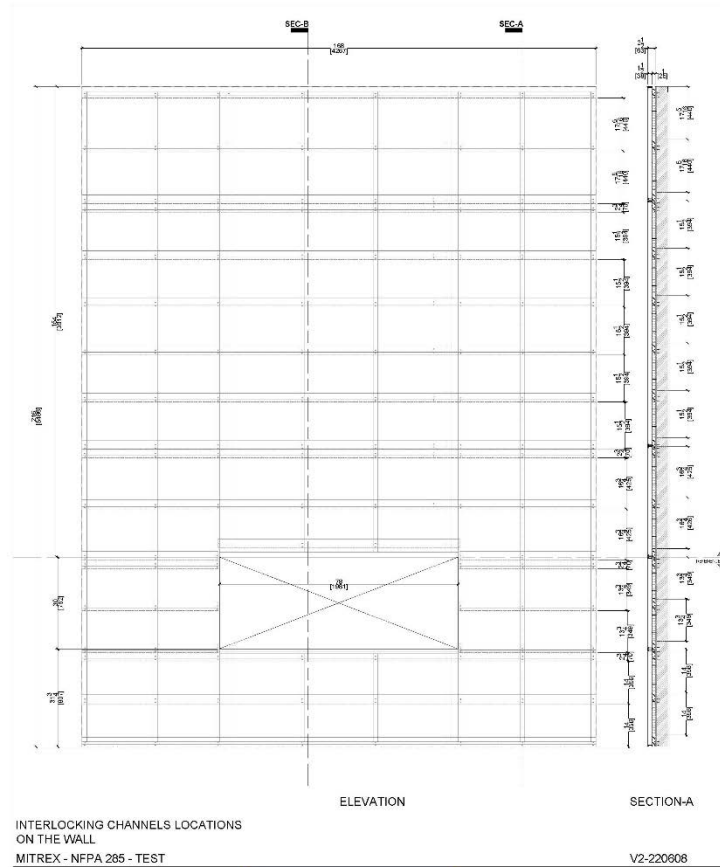
The test specimen drawings which follow have been reviewed by Intertek B&C and are representative of the test specimen(s) reported herein. Test specimen construction was verified by Intertek B&C per the drawings included in this report. Any deviations are documented herein or on the drawings.



## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

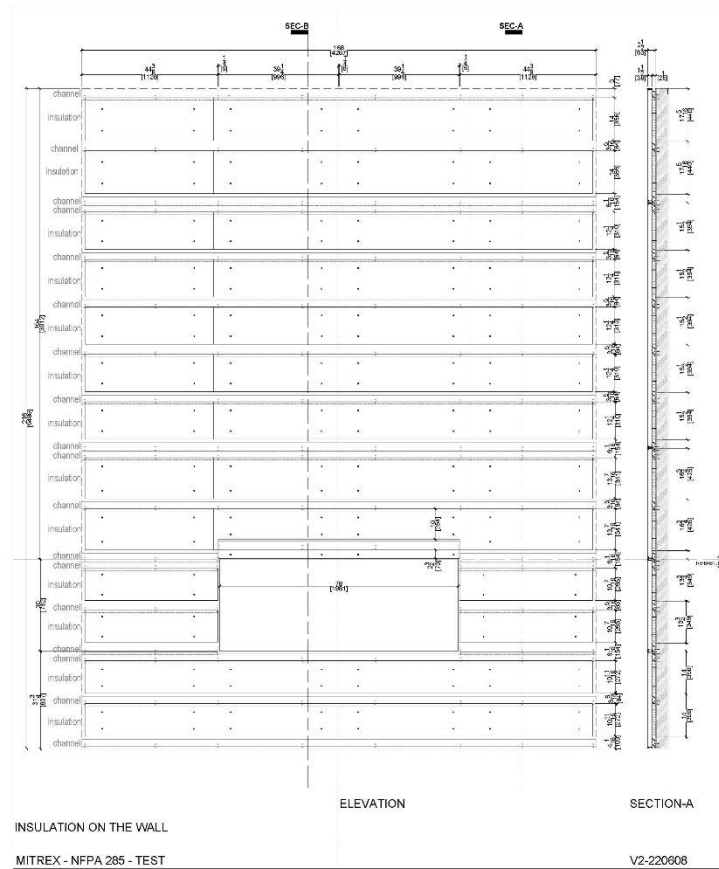


intertek Total Quality. Assured.	Report #:	N8164.01
	Date:	08/14/22
	Verified by:	<i>[Signature]</i>

## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

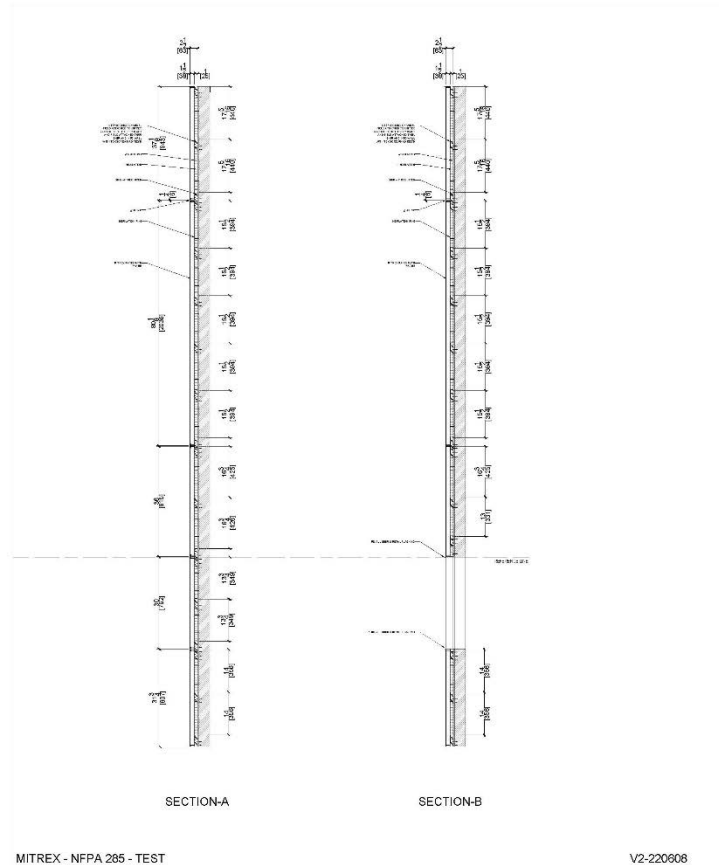


intertek <small>Total Quality. Assured.</small>	Report #:	N8164.01
	Date:	06/14/22
	Verified by:	<i>[Signature]</i>

## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22



intertek <small>Intertek Building Solutions</small>	Report #:	N8164.01
	Date:	08/14/22
	Verified by:	<i>[Signature]</i>

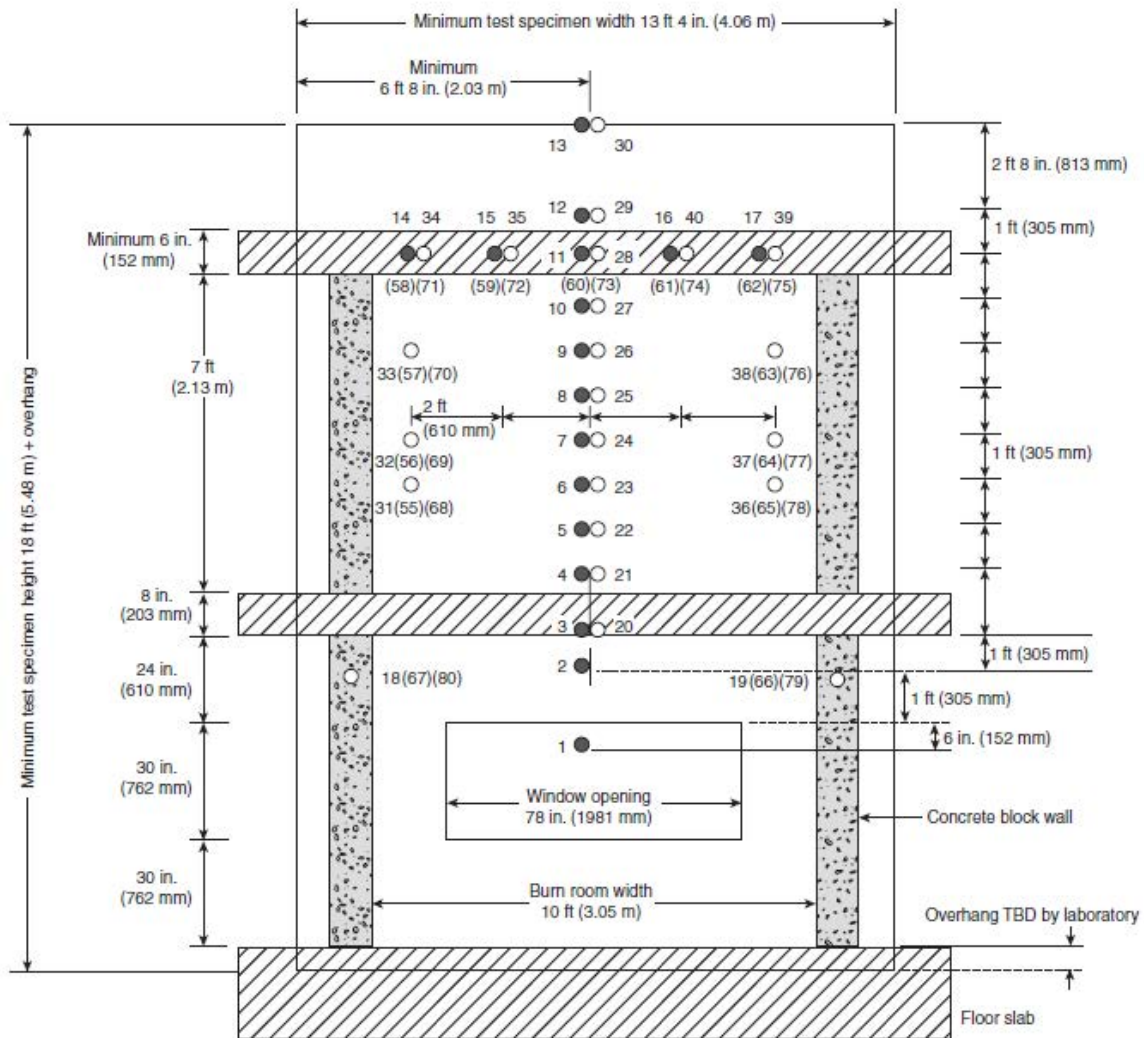


## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

### Standard TC Locations

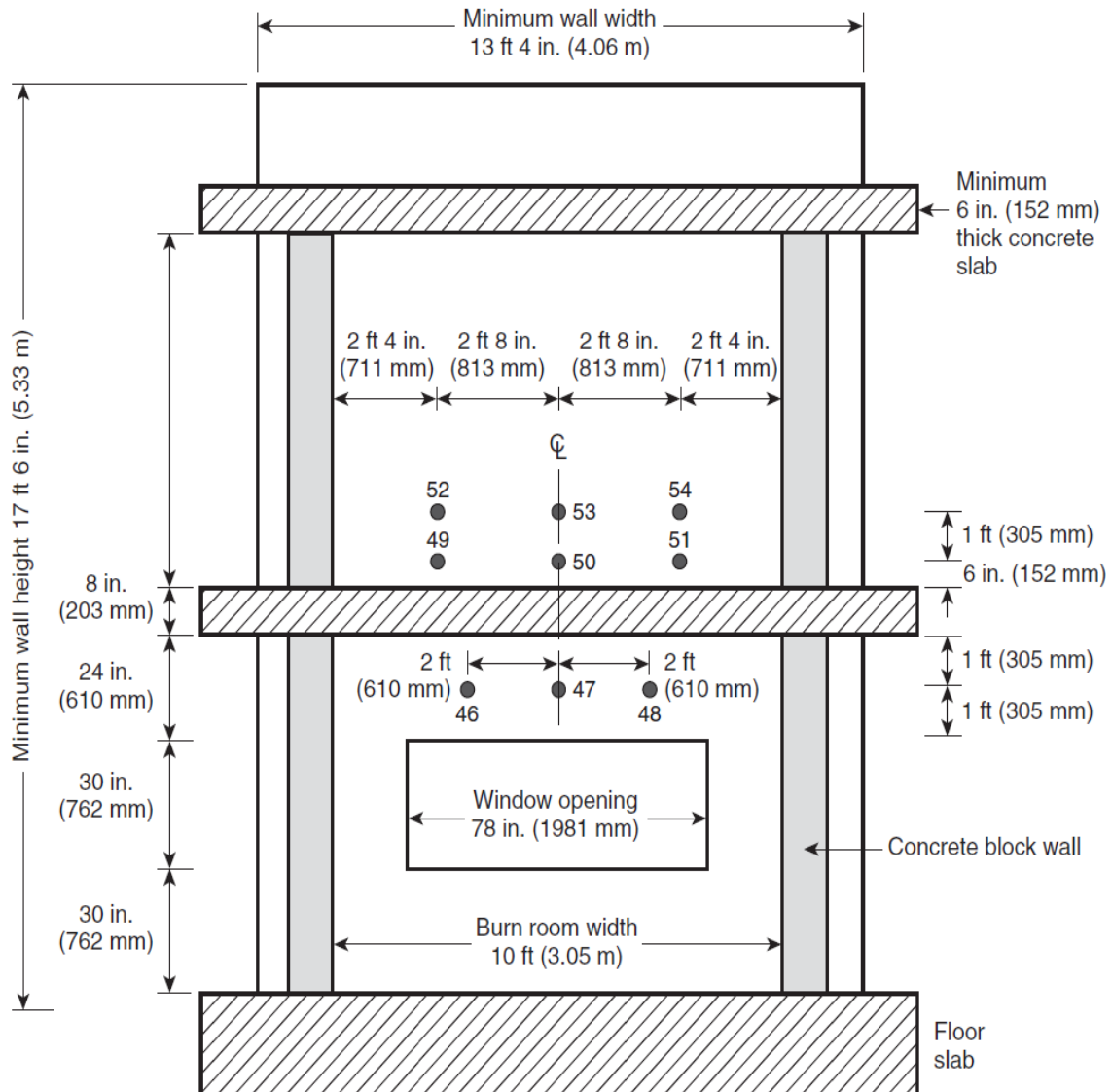


- Thermocouples — 1 in. (25 mm) from exterior wall surface
- Thermocouples — In the wall cavity air space or the insulation, or both, as shown in Figure 6.1(b) Details A through I.
- ( ) Thermocouples — Additional thermocouples in the insulation or the stud cavity, or both, where required for the test specimen construction being tested, as shown in Figure 6.1(b) Details C through I.

## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

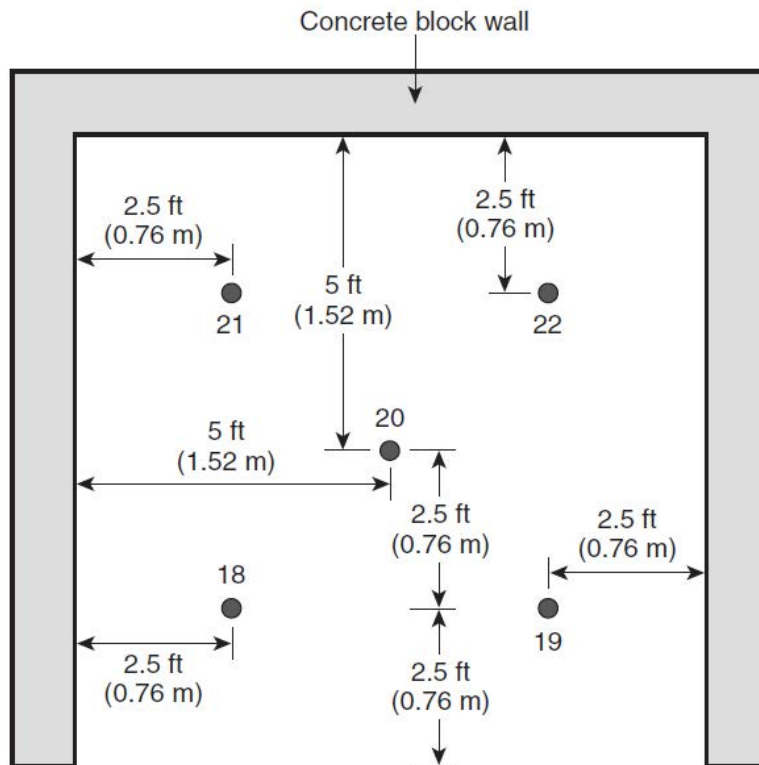


● Thermocouples — 1 in. (25 mm) from interior wall surface

## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22

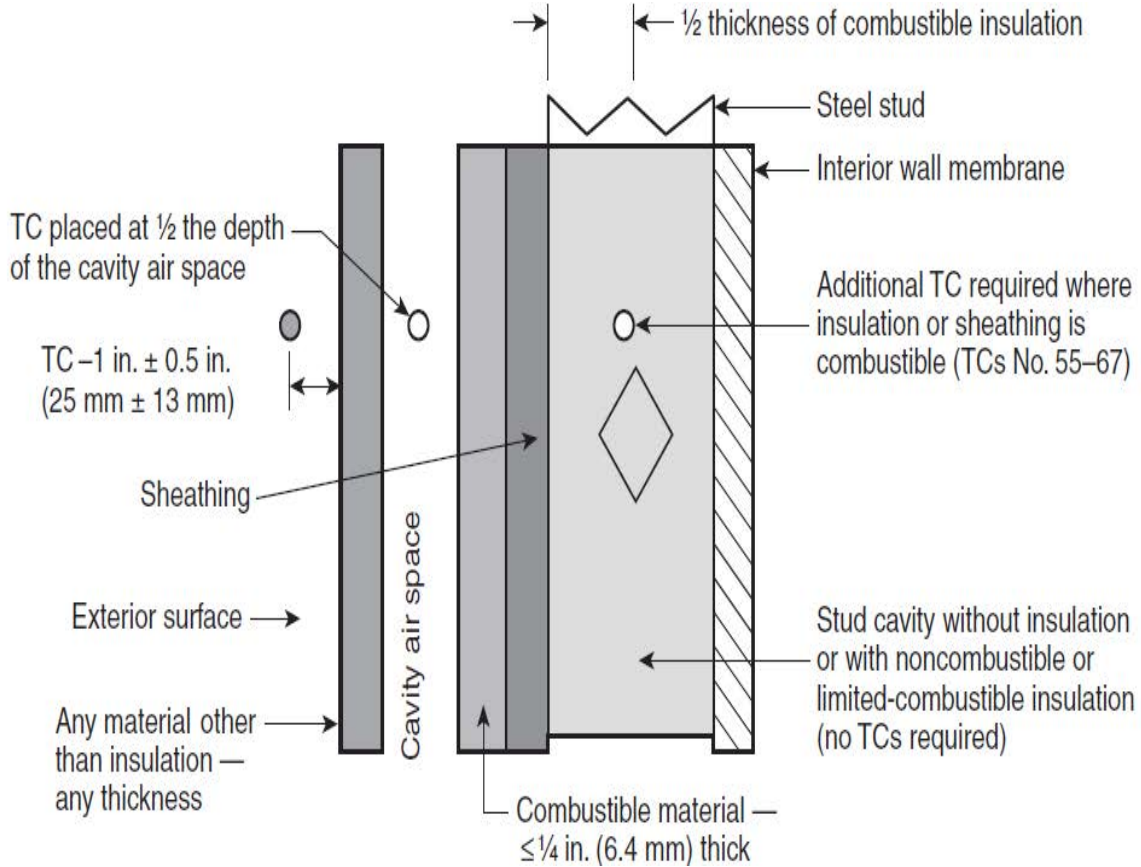


● Thermocouples (5) inside burn room 6 in. (152 mm) below ceiling

## TEST REPORT FOR MITREX INC.

Report No.: N8164.01-121-24

Date: 07/29/22





Total Quality. Assured.

130 Derry Court  
York, Pennsylvania 17406

Telephone: 717-764-7700  
Facsimile: 717-764-4129  
[www.intertek.com/building](http://www.intertek.com/building)

**TEST REPORT FOR MITREX INC.**

Report No.: N8164.01-121-24

Date: 07/29/22

**SECTION 15**

**REVISION LOG**

REVISION #	DATE	PAGES	REVISION
0	07/29/22	N/A	Original Report Issue