LABORATORY DATA PACKAGE

Number of pages in this package <<TNP>> **[** including additional pages _____ **]**
(Fill in when using printed copy as record)

## FOR REFERENCE PURPOSE ONLY

| CLIENT INFORMATION | |
|---|---|
| Company Name | SHINGI URJA PVT. LTD |
| Address | Bldg. No. 13 Gala No. 43<br>Samhita Complex Andheri Kurla Road<br>Sakinaka Andheri (E)<br>Mumbai<br>Maharashtra 400072 INDIA |

| AUDIT INFORMATION: | | | | |
|---|---|---|---|---|
| Description of Tests | Per Standard No. | See individual datasheets | Edition/ Revision Date | See individual datasheets |
| **[X]** Tests Conducted by + | JERMAINE ROLLING<br>Printed Name | | JERMAINE ROLLING<br>Signature | |
| **[]** UL Staff conducting or witnessing testing (WTDP, TMP, WMT only)<br>**[]** UL Staff supervising UL Staff in training<br>**[]**Authorized Signatory (CTDP, TPTDP, TCP, PPP, SMT) | Printed Name | | Signature. Include date for CTDP, TPTDP, TCP, PPP, WMT, TMP, SMT | |
| Reviewed and accepted by qualified Project Handler | Ray V V<br>Printed Name | | Rayvv<br>Signature | |

| TESTS TO BE CONDUCTED: | | | |
|---|---|---|---|
| Test No. | Done +++ | Test Name | **[]** Comments/Parameters<br>**[]**Tests Conducted by ++ |
| 1 | 6 | ASTM E162-2008 | |

Instructions -
+ - When all tests are conducted by one person, printed name and signature can be inserted here instead of including printed name and signature on each page containing data. Must indicate number of pages in the data package.
++ - When test conducted by more than one person, printed name and signature of person conducting the test can be inserted next to the test name instead of including printed name and signature on each page containing data. Test dates may be recorded here instead of entering test dates on the individual datasheet pages. Must indicate number of pages in the data package.
+++ - Use of this field is optional and may be employed differently. If used to include a date instead of entering the testing date on the individual datasheet pages, the date shall be the date the test was conducted.

Special Instructions -

**[**X**]** Unless specified otherwise in the individual Methods, the tests shall be conducted under the following ambient conditions. Confirmation of these conditions shall be recorded at the time the test is conducted.

| | | | | | |
|---|---|---|---|---|---|
| Ambient Temperature, C | 25 ± 10 | Relative Humidity, % | < 75 | Barometric Pressure, mBar | N/A |

**[ ]** No general environmental conditions are specified in the Standard(s)or have been identified that could affect the test results or measurements.

RISK ANALYSIS RELATED TO TESTING PERFORMANCE:

The following types of risks have been identified. Take necessary precautions. This list is not all inclusive.

| | |
|---|---|
| **[ ]** Electric shock | **[ ]** Radiation |
| **[ ]** Energy related hazards | **[ ]** Chemical hazards |
| **[ ]** Fire | **[ ]** Noise |
| **[ ]** Heat related hazards | **[ ]** Vibration |
| **[ ]** Mechanical | **[ ]** Other (Specify)__ |

Tested by: JERMAINE ROLLING JERMAINE ROLLING Date 2021-03-25

Printed Name Signature

| TEST LOCATION: (To be completed by Staff Conducting the Testing) | | | | | |
|---|---|---|---|---|---|
| **[X]**UL or Affiliate | **[]**WTDP | **[]**CTDP | **[]**TPTDP | **[]**TCP | **[]**PPP |
| | **[]**WMT | **[]**TMP | **[]**SMT | | |
| Company Name: UL LLC | | | | | |
| Address: 333 Pfingsten Rd, Northbrook, IL 60062 | | | | | |

TEST EQUIPMENT INFORMATION

**[ ]** UL test equipment information is recorded on Meter Use in UL's Laboratory Project Management (LPM) database.

**[]** UL test equipment information is recorded on <<insert location and local laboratory equipment system identification.>>

| Inst. ID No. | Instrument Type | Function/ Range | Last Cal. Date | Next Cal. Date |
|---|---|---|---|---|
| | | | | |

+ - If Test Number is used, the Test Number must be identified on the data sheet pages or on the Data Sheet Package cover page.

The following additional information is required when using client's or rented equipment, or when a UL ID Number for an instrument number is not used. The Inst. ID No. below corresponds to the Inst. ID No. above.

| Inst. ID No. | Make/Model/Serial Number/Asset No. |
|---|---|
| | |

Please refer page no. 12 for calibration details Rayvv

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The table below is provided to provide correlation of sample numbers to specific product related information. Refer to this table when a test identifies a test sample by "Sample No." only.

| Sample Card No. | Date Received | Test No.+ | Sample No. | Manufacturer, Product Identification and Ratings |
|---|---|---|---|---|
| 3645792 | 02/24/2021 | 1 | 1 | SHINGI URJA PVT. LTD,<br>PF350BS (Air side) |
| | | | | |
| | | | | |

+ - If Test Number is used, the Test Number or Numbers the sample was used in must be identified on the data sheet pages or on the Data Sheet Package cover page.

**[]** Sampling Procedure -

**[]** This document contains data using color and if printed, should be printed in color to retain legibility and the information represented by the color.

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# RADIANT PANEL
# ASTM E162-2008

| Sample Description | Date | Test Number | Test Result | Ign. Time ( min ) | Intial Temp. ( °C ) | Max. Temp. ( °C ) | Temp. Rise ( °C ) | Q ( CT/B ) | Flame Spread Index ( RP ) | Dist. 3" ( min. ) | Dist. 6" ( min.) | Dist. 9" ( min.) | Dist. 12" ( min.) | Dist. 15" ( min.) | Test Code ( number ) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PF350BS | 3/15/21 | 1 [WM] | VALID | 0.07 | 192.8 | 202.9 | 10.1 | 1.3 | 21.1 | 0.38 | 0.48 | 0.75 | 1.37 | 2.03 | 3152103 |
| PF350BS | 3/15/21 | 2 [WM] | VALID | 0.08 | 192.9 | 208.9 | 16 | 2.5 | 29.3 | 0.32 | 0.68 | 1.1 | 1.77 | 2.87 | 3152104 |
| PF350BS | 3/15/21 | 3 [WM] | VALID | 0.12 | 196.3 | 209.8 | 13.5 | 2 | 34.4 | 0.28 | 0.68 | 0.72 | 1.23 | 1.85 | 3152105 |
| PF350BS | 3/15/21 | 4 [WM] | VALID | 0.1 | 194.1 | 213.7 | 19.6 | 3.2 | 77.4 | 0.28 | 0.43 | 0.5 | 0.93 | 1.27 | 3152106 |
| PF350BS | 3/15/21 | 5 [WM] | VALID | 0.08 | 199.6 | 213.2 | 13.6 | 2 | 41.6 | 0.3 | 0.52 | 0.6 | 0.9 | 1.57 | 3152107 |
| PF350BS | 3/15021 | 6 [WM] | VALID | 0.05 | 199.1 | 212.6 | 13.5 | 2 | 39.2 | 0.2 | 0.57 | 0.73 | 1.02 | 1.4 | 3152108 |

| | |
|---|---|
| Number of Valid Tests: | 6 |
| Average Valid Test Flame Index [ RP ]: | 40.5 |
| Average Valid Test Flame Index - Rounded to the nearest multiple of five [RP]: | 40 |
| Maximum Valid Test Flame Index [ RP ]: | 77.4 |

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Printed Name Signature

# ASTM E162-2008

Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source

Date: 2021-03-15 Project Handler 46262 Technician: 46262

Client: SHINGI URJA PVT. LTD
Project No.: 4789760205 File No.: E520209 CCN: N/A
Sample Description: PF350BS
Sample Ticket No: 3645792 Test Location: NORTHBROOK
Work Order ID No: WON0009165 Test Room RADIANT PANEL

Panel Set Point Test Code: 03152101 Asbestos Cement Board Test Code: 03152102
Test Code Number: 03152103

Sample Dimensions (in.): 6 X 18 X 0.010 Sample Color white
Sample pre-dried at 60°C for 24 hours, then conditioned at 23 +/- 3 °C and 50 +/- 5% Relative humidity to equilibrium weight. Constant weight was achieved in 7 days.

Sample Number: 1 Sample Orientation: Millboard / Aluminum foil / Wire Mesh

| Distance [ inches ] | Time [ minutes ] | Time Difference [ minutes ] | Recip. of difference [ 1 / minutes ] |
|---|---|---|---|
| 3 | 0.38 | 0.38 | Skip Point |
| 6 | 0.48 | 0.10 | 8.33 |
| 9 | 0.75 | 0.27 | 3.70 |
| 12 | 1.37 | 0.62 | 1.61 |
| 15 | 2.03 | 0.66 | 1.52 |
| | | Sum: | 15.2 |
| | | Fs = | 16.2 |

| | | | | |
|---|---|---|---|---|
| Initial Stack Temperature | 379.1 | [ °F ] | 192.8 | [ °C ] |
| Maximum Stack Temperature | 397.2 | [ °F ] | 202.9 | [ °C ] |
| Specimen Maximum Stack Temperature Rise: | | | 10.1 | [ °C ] |
| Asbestos Cement Board Rise: | | | 3.9 | [ °C ] |
| Net Stack Temperature Rise: | | | 6.2 | [ °C ] |
| Q = CT/B | | | 1.3 | |
| Flame Spread Index: | | | 21.1 | [RP] |

**TEST OBSERVATIONS:**

| | |
|---|---|
| Flashing [mins]: | N/A |
| Melting [mins]: | 0.15 |
| Flaming Drips [mins]: | 0.13 GREATER THEN 10 DRIPS PER 10 SECONDS |
| Non Flaming Drips [mins]: | N/A |
| Ignition Time [mins]: | 0.07 |
| Exposure Time [mins] | 2.03 |
| | |
| **Test Results [valid or invalid]:** | VALID |
| | |
| **Comments:** | |

Tested by: JERMAINE ROLLING JERMAINE ROLLING Date 2021-03-25
Printed Name Signature

# ASTM E162-2008

Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source

Date: 2021-03-15 Project Handler 46262 Technician: 46262

Client: SHINGI URJA PVT. LTD
Project No.: 4789760205 File No.: E520209 CCN: N/A
Sample Description: PF350BS
Sample Ticket No: 3645792 Test Location: NORTHBROOK
Work Order ID No: WON0009165 Test Room RADIANT PANEL

Panel Set Point Test Code: 03152101 Asbestos Cement Board Test Code: 03152102
Test Code Number: 03152104

Sample Dimensions (in.): 6 X 18 X 0.010 Sample Color white
Sample pre-dried at 60°C for 24 hours, then conditioned at 23 +/- 3 °C and 50 +/- 5% Relative humidity to equilibrium weight. Constant weight was achieved in 7 days.

Sample Number: 2 Sample Orientation: Millboard / Aluminum foil / Wire Mesh

| Distance [ inches ] | Time [ minutes ] | Time Difference [ minutes ] | Recip. of difference [ 1 / minutes ] |
|---|---|---|---|
| 3 | 0.32 | 0.32 | 3.13 |
| 6 | 0.68 | 0.36 | 2.78 |
| 9 | 1.10 | 0.42 | 2.38 |
| 12 | 1.77 | 0.67 | 1.49 |
| 15 | 2.87 | 1.10 | 0.91 |
| | | Sum: | 10.7 |
| | | Fs = | 11.7 |

| | | | | |
|---|---|---|---|---|
| Initial Stack Temperature | 379.3 | [ °F ] | 192.9 | [ °C ] |
| Maximum Stack Temperature | 408 | [ °F ] | 208.9 | [ °C ] |
| Specimen Maximum Stack Temperature Rise: | | | 16 | [ °C ] |
| Asbestos Cement Board Rise: | | | 3.9 | [ °C ] |
| Net Stack Temperature Rise: | | | 12.1 | [ °C ] |
| Q = CT/B | | | 2.5 | |
| Flame Spread Index: | | | 29.3 | [RP] |

**TEST OBSERVATIONS:**

| | |
|---|---|
| Flashing [mins]: | N/A |
| Melting [mins]: | 0.27 |
| Flaming Drips [mins]: | 0.13 GREATER THEN 10 DRIPS PER 10 SECONDS |
| Non Flaming Drips [mins]: | N/A |
| Ignition Time [mins]: | 0.08 |
| Exposure Time [mins] | 2.88 |
| | |
| **Test Results [valid or invalid]:** | VALID |
| | |
| **Comments:** | |
| | |
| | |
| | |

Tested by: JERMAINE ROLLING JERMAINE ROLLING Date 2021-03-25
Printed Name Signature

# ASTM E162-2008

Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source

Date: 2021-03-15 Project Handler 46262 Technician: 46262

Client: SHINGI URJA PVT. LTD
Project No.: 4789760205 File No.: E520209 CCN: N/A
Sample Description: PF350BS
Sample Ticket No: 3645792 Test Location: NORTHBROOK
Work Order ID No: WON0009165 Test Room RADIANT PANEL

Panel Set Point Test Code: 03152101 Asbestos Cement Board Test Code: 03152102
Test Code Number: 03152105

Sample Dimensions (in.): 6 X 18 X 0.010 Sample Color white
Sample pre-dried at 60°C for 24 hours, then conditioned at 23 +/- 3 °C and 50 +/- 5% Relative humidity to equilibrium weight. Constant weight was achieved in 7 days.

Sample Number: 3 Sample Orientation: Millboard / Aluminum foil / Wire Mesh

| Distance [ inches ] | Time [ minutes ] | Time Difference [ minutes ] | Recip. of difference [ 1 / minutes ] |
|---|---|---|---|
| 3 | 0.28 | 0.28 | 3.57 |
| 6 | 0.68 | 0.40 | Skip Point |
| 9 | 0.72 | 0.04 | 9.09 |
| 12 | 1.23 | 0.51 | 1.96 |
| 15 | 1.85 | 0.62 | 1.61 |
| | | Sum: | 16.2 |
| | | Fs = | 17.2 |

| | | | | |
|---|---|---|---|---|
| Initial Stack Temperature | 385.3 | [ °F ] | 196.3 | [ °C ] |
| Maximum Stack Temperature | 409.7 | [ °F ] | 209.8 | [ °C ] |
| Specimen Maximum Stack Temperature Rise: | | | 13.5 | [ °C ] |
| Asbestos Cement Board Rise: | | | 3.9 | [ °C ] |
| Net Stack Temperature Rise: | | | 9.6 | [ °C ] |
| Q = CT/B | | | 2 | |
| Flame Spread Index: | | | 34.4 | [RP] |

**TEST OBSERVATIONS:**

| | |
|---|---|
| Flashing [mins]: | N/A |
| Melting [mins]: | 0.25 |
| Flaming Drips [mins]: | 0.23 GREATER THEN 10 DRIPS PER 10 SECONDS |
| Non Flaming Drips [mins]: | N/A |
| Ignition Time [mins]: | 0.12 |
| Exposure Time [mins] | 1.87 |
| | |
| **Test Results [valid or invalid]:** | VALID |
| | |
| **Comments:** | |
| | |
| | |
| | |

Tested by: JERMAINE ROLLING JERMAINE ROLLING Date 2021-03-25
Printed Name Signature

# ASTM E162-2008

Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source

Date: 2021-03-15 Project Handler 46262 Technician: 46262

Client: SHINGI URJA PVT. LTD
Project No.: 4789760205 File No.: E520209 CCN: N/A
Sample Description: PF350BS
Sample Ticket No: 3645792 Test Location: NORTHBROOK
Work Order ID No: WON0009165 Test Room RADIANT PANEL

Panel Set Point Test Code: 03152101 Asbestos Cement Board Test Code: 03152102
Test Code Number: 03152106

Sample Dimensions (in.): 6 X 18 X 0.010 Sample Color white
Sample pre-dried at 60°C for 24 hours, then conditioned at 23 +/- 3 °C and 50 +/- 5% Relative humidity to equilibrium weight. Constant weight was achieved in 7 days.

Sample Number: 4 Sample Orientation: Millboard / Aluminum foil / Wire Mesh

| Distance [ inches ] | Time [ minutes ] | Time Difference [ minutes ] | Recip. of difference [ 1 / minutes ] |
|---|---|---|---|
| 3 | 0.28 | 0.28 | Skip Point |
| 6 | 0.43 | 0.15 | Skip Point |
| 9 | 0.50 | 0.07 | 18.00 |
| 12 | 0.93 | 0.43 | Skip Point |
| 15 | 1.27 | 0.34 | 5.19 |
| | | Sum: | 23.2 |
| | | Fs = | 24.2 |

| | | | | |
|---|---|---|---|---|
| Initial Stack Temperature | 381.3 | [ °F ] | 194.1 | [ °C ] |
| Maximum Stack Temperature | 416.7 | [ °F ] | 213.7 | [ °C ] |
| Specimen Maximum Stack Temperature Rise: | | | 19.6 | [ °C ] |
| Asbestos Cement Board Rise: | | | 3.9 | [ °C ] |
| Net Stack Temperature Rise: | | | 15.7 | [ °C ] |
| Q = CT/B | | | 3.2 | |
| Flame Spread Index: | | | 77.4 | [RP] |

**TEST OBSERVATIONS:**

| | |
|---|---|
| Flashing [mins]: | N/A |
| Melting [mins]: | 0.22 |
| Flaming Drips [mins]: | 0.25 GREATER THEN 10 DRIPS PER 10 SECONDS |
| Non Flaming Drips [mins]: | N/A |
| Ignition Time [mins]: | 0.10 |
| Exposure Time [mins] | 1.30 |
| | |
| **Test Results [valid or invalid]:** | VALID |
| | |
| **Comments:** | |
| | |
| | |
| | |

Tested by: JERMAINE ROLLING JERMAINE ROLLING Date 2021-03-25
Printed Name Signature

# ASTM E162-2008

Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source

Date: 2021-03-15 Project Handler 46262 Technician: 46262

Client: SHINGI URJA PVT. LTD
Project No.: 4789760205 File No.: E520209 CCN: N/A
Sample Description: PF350BS
Sample Ticket No: 3645792 Test Location: NORTHBROOK
Work Order ID No: WON0009165 Test Room RADIANT PANEL

Panel Set Point Test Code: 03152101 Asbestos Cement Board Test Code: 03152102
Test Code Number: 03152107

Sample Dimensions (in.): 6 X 18 X 0.010 Sample Color white
Sample pre-dried at 60°C for 24 hours, then conditioned at 23 +/- 3 °C and 50 +/- 5% Relative humidity to equilibrium weight. Constant weight was achieved in 7 days.

Sample Number: 5 Sample Orientation: Millboard / Aluminum foil / Wire Mesh

| Distance [ inches ] | Time [ minutes ] | Time Difference [ minutes ] | Recip. of difference [ 1 / minutes ] |
|---|---|---|---|
| 3 | 0.30 | 0.30 | Skip Point |
| 6 | 0.52 | 0.22 | Skip Point |
| 9 | 0.60 | 0.08 | 15.00 |
| 12 | 0.90 | 0.30 | 3.33 |
| 15 | 1.57 | 0.67 | 1.49 |
| | | Sum: | 19.8 |
| | | Fs = | 20.8 |

| | | | | |
|---|---|---|---|---|
| Initial Stack Temperature | 391.2 | [ °F ] | 199.6 | [ °C ] |
| Maximum Stack Temperature | 415.7 | [ °F ] | 213.2 | [ °C ] |
| Specimen Maximum Stack Temperature Rise: | | | 13.6 | [ °C ] |
| Asbestos Cement Board Rise: | | | 3.9 | [ °C ] |
| Net Stack Temperature Rise: | | | 9.7 | [ °C ] |
| Q = CT/B | | | 2 | |
| Flame Spread Index: | | | 41.6 | [RP] |

**TEST OBSERVATIONS:**

| | |
|---|---|
| Flashing [mins]: | 0.28 |
| Melting [mins]: | 0.22 |
| Flaming Drips [mins]: | 0.23 GREATER THEN 10 DRIPS PER 10 SECONDS |
| Non Flaming Drips [mins]: | N/A |
| Ignition Time [mins]: | 0.08 |
| Exposure Time [mins] | 1.60 |
| | |
| **Test Results [valid or invalid]:** | VALID |
| | |
| **Comments:** | |

Tested by: JERMAINE ROLLING JERMAINE ROLLING Date 2021-03-25
Printed Name Signature

# ASTM E162-2008

Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source

Date: 2021-03-15 Project Handler 46262 Technician: 46262

Client: SHINGI URJA PVT. LTD
Project No.: 4789760205 File No.: E520209 CCN: N/A
Sample Description: PF350BS
Sample Ticket No: 3645792 Test Location: NORTHBROOK
Work Order ID No: WON0009165 Test Room RADIANT PANEL

Panel Set Point Test Code: 03152101 Asbestos Cement Board Test Code: 03152102
Test Code Number: 03152108

Sample Dimensions (in.): 6 X 18 X 0.010 Sample Color white
Sample pre-dried at 60°C for 24 hours, then conditioned at 23 +/- 3 °C and 50 +/- 5% Relative humidity to equilibrium weight. Constant weight was achieved in 7 days.

Sample Number: 6 Sample Orientation: Millboard / Aluminum foil / Wire Mesh

| Distance [ inches ] | Time [ minutes ] | Time Difference [ minutes ] | Recip. of difference [ 1 / minutes ] |
|---|---|---|---|
| 3 | 0.20 | 0.20 | 5.00 |
| 6 | 0.57 | 0.37 | Skip Point |
| 9 | 0.73 | 0.16 | 7.55 |
| 12 | 1.02 | 0.29 | 3.45 |
| 15 | 1.40 | 0.38 | 2.63 |
| | | Sum: | 18.6 |
| | | Fs = | 19.6 |

| | | | | |
|---|---|---|---|---|
| Initial Stack Temperature | 390.4 | [ °F ] | 199.1 | [ °C ] |
| Maximum Stack Temperature | 414.6 | [ °F ] | 212.6 | [ °C ] |
| Specimen Maximum Stack Temperature Rise: | | | 13.5 | [ °C ] |
| Asbestos Cement Board Rise: | | | 3.9 | [ °C ] |
| Net Stack Temperature Rise: | | | 9.6 | [ °C ] |
| Q = CT/B | | | 2 | |
| Flame Spread Index: | | | 39.2 | [RP] |

**TEST OBSERVATIONS:**

| | |
|---|---|
| Flashing [mins]: | N/A |
| Melting [mins]: | 0.15 |
| Flaming Drips [mins]: | 0.15 GREATER THEN 10 DRIPS PER 10 SECONDS |
| Non Flaming Drips [mins]: | N/A |
| Ignition Time [mins]: | 0.05 |
| Exposure Time [mins] | 1.42 |
| | |
| **Test Results [valid or invalid]:** | VALID |
| | |
| **Comments:** | |

Tested by: JERMAINE ROLLING JERMAINE ROLLING Date 2021-03-25
Printed Name Signature

Data current at 09:36:56 on 2021-03-29 Test date : 2021-03-29

Procedure - ASTM E-162

File No.: E520209 Assignment No.: 4789760205
Client : SHINGI URJA PVT. LTD Test No.: 6

| Software | Release date | Version | Description |
|---|---|---|---|
| 2F05DPP /34112 | 2008-10-03 | 1.1.0 | Data processing program |

| Instrument | Last cal | Next cal | Range | Verified by |
|---|---|---|---|---|
| 286F07FM /45555 | 2020-05-29 | 2021-05-31 | 1.5 - 4.5 M3/HX10 | |
| 157F99EPT /21308 | 2020-06-30 | 2021-06-30 | Multi-range | |
| 294F07FM /48318 | 2020-10-30 | 2021-10-31 | 0-20 SCFH | |
| 135F08MC /52897 | 2020-03-11 | 2021-03-31 | 0-6" | |
| 148F13CLK /81707 | 2020-10-30 | 2021-10-31 | 24 | |
| 140F06DAS /38505 | 2020-11-30 | 2021-11-30 | Multi-range | |
| 124F06IC /38503 | 2020-11-30 | 2021-11-30 | TC comp only | |

The following devices or areas were utilized for the short term (less than 24 hour)conditioning of the test sample, or for execution of this procedure. Listing of calibrated instruments used in the recording of conditions for these
devices or areas, or for operation of a device, follows the list of devices and areas.

603 Fisher oven 5 - not applicable
597 Espec chamber 4 5 - not applicable

The following software and instruments are component parts of the above devices
or environmental monitoring equipment for areas or chambers

| Software | Release date | Version | Description |
|---|---|---|---|
| 29F17DLP /159202 | (2017-03-13) | (1.0.0) | Data logging program |

| Instrument | Last cal | Next cal | Range | Verified by |
|---|---|---|---|---|
| 193F18CLK /171585 | 2020-07-31 | 2021-07-31 | 24 | |
| 146F07DAS /49764 | 2020-11-30 | 2021-11-30 | Multi-range | |
| 165F16IC /139920 | 2020-11-30 | 2021-11-30 | 2400 | |
| 1218170001/160611 | 2020-04-03 | 2021-04-30 | K | |
| 0823060012/41211 | 2020-09-25 | 2021-09-30 | K | |

Tested by: JERMAINE ROLLING JERMAINE ROLLING Date 2021-03-25

Printed Name Signature

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