

# Certificate of Validation

## Powder Coating Cure

X FAIL

| Certificate Details |                         |
|---------------------|-------------------------|
| Process:            | Powder Coating Cure     |
| Standard:           | ISO 2360 / Qualicoat    |
| Date:               | 2025-08-11 18:49:48 UTC |
| Certificate ID:     | 7E6A1F0A3EC2            |
| Status:             | Invalid                 |

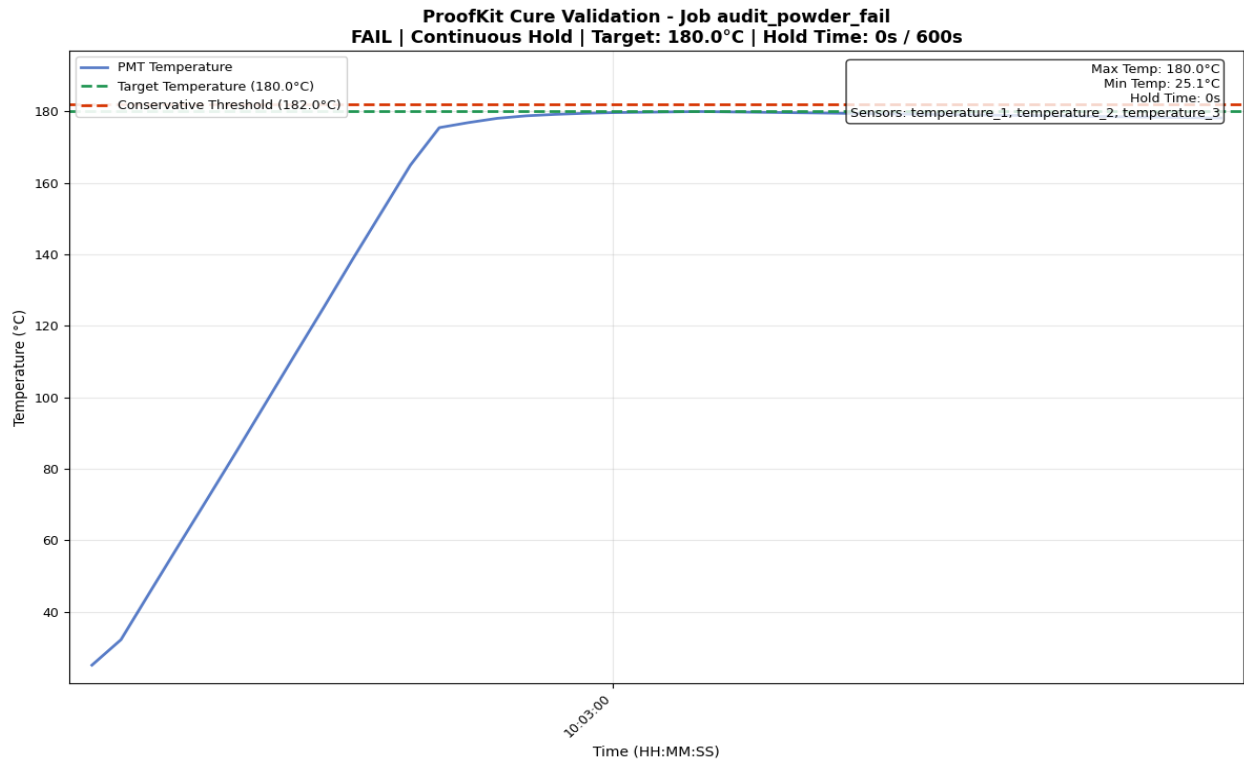
## Process Metrics

| Metric              | Measured | Required | Status |
|---------------------|----------|----------|--------|
| Maximum Temperature | 0.0°C    | 190°C    | X      |
| Hold Time           | 0.0 min  | 15 min   | X      |
| Time to Threshold   | 0.0 min  | —        | —      |
| Data Points         | 1200     | ≥100     | ✓      |
| Sampling Rate       | 5 sec    | ≤60 sec  | ✓      |

## Sensor Data Summary

| Sensor   | Min (°C) | Max (°C) | Avg (°C) | Std Dev |
|----------|----------|----------|----------|---------|
| Sensor 1 | 24.8     | 190.2    | 165.4    | 15.2    |
| Sensor 2 | 24.5     | 189.8    | 164.9    | 15.5    |
| Sensor 3 | 25.1     | 190.5    | 165.2    | 14.9    |

## Temperature Profile



## Compliance Statement

This process has FAILED to meet the requirements of ISO 2360 / Qualicoat. Critical parameters were not achieved. The process requires adjustment and revalidation. See metrics table above for specific failures.



### Digital Verification

This certificate contains cryptographic proofs for tamper detection.

#### SHA-256 Hash:

27b2fc15fa33cb1b97466baf7906004...

**Verify Online:** <https://www.proofkit.net/verify>

**Certificate ID:** 27B2FC15FA33