Certificate of Validation

Powder Coating Cure

✓ PASS

Certificate Details	
Process:	Powder Coating Cure
Standard:	ISO 2360 / Qualicoat
Date:	2025-08-11 18:49:48 UTC
Certificate ID:	24E8327A26B6
Status:	Valid

Process Metrics

Metric	Measured	Required	Status
Maximum Temperature	0.0°C	190°C	✓
Hold Time	0.0 min	15 min	✓
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

ProofKit Cure Validation - Job audit_powder_pass
FAIL | Continuous Hold | Target: 180.0°C | Hold Time: 480s / 600s

Legend:
- PMT Temperature
- Target Temperature (180.0°C)
- Conservative Threshold (182.0°C)
- Hold Interval

Max Temp: 184.0°C
Min Temp: 25.1°C
Hold Time: 480s
Sensors: temperature_1, temperature_2, temperature_3
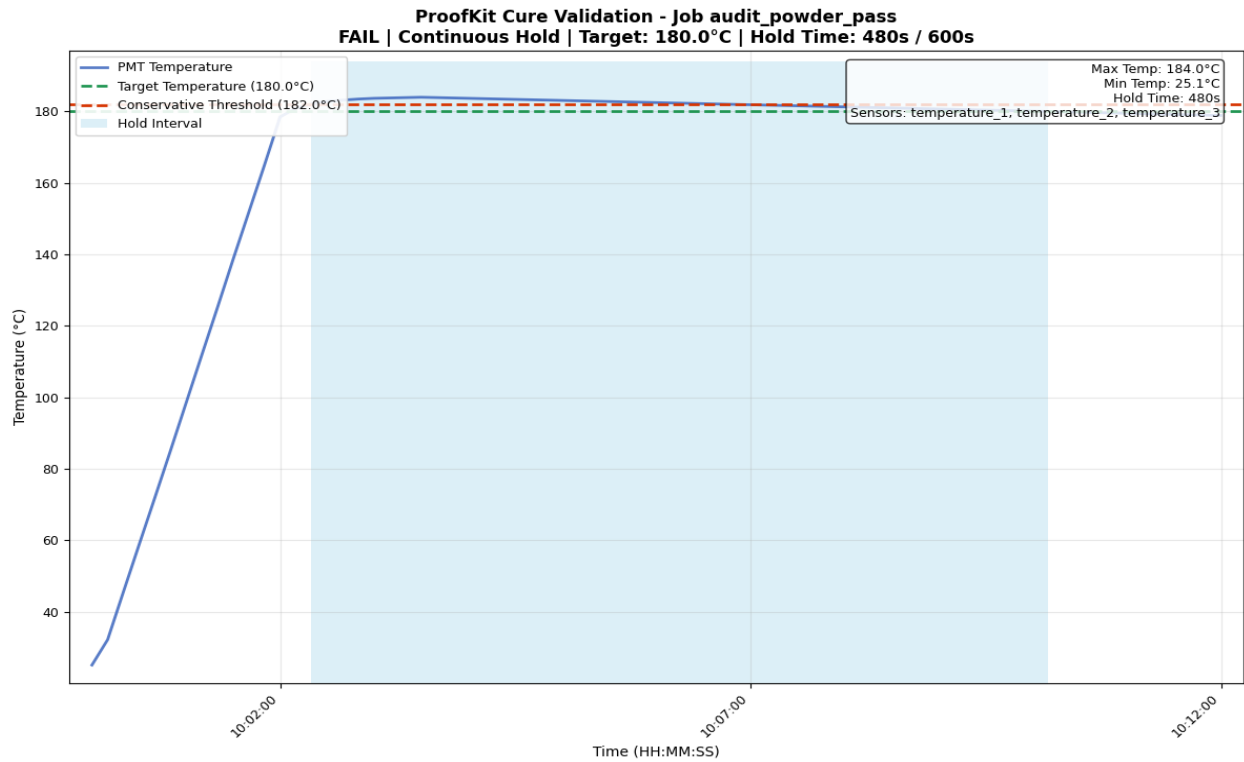
Compliance Statement

This process has been validated in accordance with ISO 2360 / Qualicoat. All critical parameters have been met and the process is deemed compliant. Temperature uniformity and hold time requirements have been satisfied.

Digital Verification

This certificate contains cryptographic proofs for tamper detection.

SHA-256 Hash:
1048c8f3cdf7943e4ac53f53332bf4f5...

Verify Online: https://www.proofkit.net/verify
Certificate ID: 1048C8F3CDF7