



Temperature Sensor Verification Form

Complete

Score	65 / 68 (95.59%)	Flagged items	3	Actions	2
Inspector Information					
Conducted on					16.03.2026
Location					7015 Katella Ave, Stanton, CA 90680, USA (33.8036451, -118.0100256)
Prepared by					Kiera Stephania
Department/Team					Food Safety and Quality Control Department
Role/Position					Meat Storage Unit Supervisor
Device Information					
Device ID					408
Device Type/Model					Temperature Sensor
Asset Number					1288
Storage Unit					Meat Storage Unit
Gateway/Integration Linked					Safety Gateway

Flagged items & Actions

3 flagged, 2 actions

Flagged items

3 flagged, 2 actions

Temperature Sensor Verification / Measurement & Drift Validation / Stabilization

Are environmental disturbances minimized during testing?

No

There are misplaced containers in the meat storage unit



Photo 1

Temperature Sensor Verification / Measurement & Drift Validation / Drift Analysis

Are recurring drift issues escalated for root cause analysis?

No

There are no records of root cause analysis for the recurring drift issues.

To do | Assignee: SafetyCulture Staff | Priority: Low | Due: 23.03.2026 15:05 PST | Created by: SafetyCulture Staff

Provide a root cause analysis report

Assign a staff member to perform a root cause analysis for the recurring drift issues.

Temperature Sensor Verification / Adjustment & Corrective Actions

Is root cause analysis conducted for repeated nonconformities?

No

There are no records of root cause analysis for the repeated nonconformities.

To do | Assignee: SafetyCulture Staff | Priority: Low | Due: 23.03.2026 15:09 PST | Created by: SafetyCulture Staff

Provide a root cause analysis report

Assign a staff member to conduct a root cause analysis of the recurring nonconformities.

Other actions

0 actions

Temperature Sensor Verification	3 flagged, 2 actions, 63 / 66 (95.46%)
Device & Verification Information	11 / 11 (100%)
Reference Standard	4 / 4 (100%)
Is a calibrated reference thermometer used for verification?	Yes
Is the reference thermometer within its valid calibration period?	Yes
Is the calibration certificate on file and traceable to recognized standards?	Yes
Is measurement uncertainty documented (if required)?	Yes
Test Points & Acceptance Criteria	7 / 7 (100%)
Are defined temperature test points established and documented?	Yes
Are environmental conditions recorded during testing?	Yes
Is probe placement appropriate for accurate measurement?	Yes
Is the maximum allowable deviation (tolerance) clearly defined?	Yes
Is the device replacement threshold clearly documented?	Yes
Are test points aligned with actual operating temperature ranges?	Yes
Are acceptance criteria reviewed periodically for adequacy?	Yes
Measurement & Drift Validation	2 flagged, 1 action, 17 / 19 (89.47%)
Preparation	5 / 5 (100%)
Is the device free from visible physical damage?	Yes
Is battery level and connectivity functioning properly?	Yes
Is time synchronization validated across the device, gateway, and dashboard?	Yes
Is the firmware/software version current and supported?	Yes
Are previous corrective actions verified as completed before	Yes

testing?	
Stabilization	1 flagged, 3 / 4 (75%)
Are the sensor and reference thermometer allowed to stabilize at each test point?	Yes
Are environmental disturbances minimized during testing?	No
There are misplaced containers in the meat storage unit	
	
Photo 1	
Is sufficient stabilization time documented for each reading?	Yes
Is consistent positioning maintained during stabilization?	Yes
Measurement	5 / 5 (100%)
Are both sensor and reference readings recorded at each test point?	Yes
Is the deviation (offset) calculated and documented?	Yes
Are measurements repeated where required to confirm consistency?	Yes
Are measurement units verified as consistent (°C/°F)?	Yes
Are readings recorded immediately to prevent transcription errors?	Yes
Drift Analysis	1 flagged, 1 action, 4 / 5 (80%)
Are current deviations compared to previous verification results?	Yes
Is drift analysis conducted against manual temperature logs?	Yes
Are discrepancies investigated and reconciled?	Yes
Are drift trends analyzed over time to identify gradual degradation?	Yes
Are recurring drift issues escalated for root cause analysis?	No
There are no records of root cause analysis for the recurring drift issues.	

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Data Integrity & System Reliability

10 / 10 (100%)

Are temperature logs complete without unexplained gaps? Yes

Are identified data gaps investigated and documented? Yes

Is buffered data successfully uploaded after connectivity outages? Yes

Is there confirmation that no silent data loss occurred across devices or integrations? Yes

Are timestamps consistent across devices, gateways, and dashboards? Yes

Are automated alerts functioning for missed readings or offline devices? Yes

Is data backup or redundancy in place to prevent permanent loss? Yes

Are integration points tested to ensure accurate data transfer? Yes

Are audit trails enabled to track changes or adjustments? Yes

Is system performance reviewed periodically for reliability issues? Yes

Adjustment & Corrective Actions

1 flagged, 1 action, 9 / 10 (90%)

Is correction applied where deviation is within allowable tolerance (if permitted)? Yes

Is the device flagged immediately when deviation exceeds tolerance? Yes

Is the device replaced when exceeding allowable limits? Yes

Is a product impact assessment conducted when significant deviation occurs? Yes

Is root cause analysis conducted for repeated nonconformities? No

There are no records of root cause analysis for the repeated nonconformities.

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Provide a root cause analysis report

Assign a staff member to conduct a root cause analysis of the recurring nonconformities.

Are corrective actions documented according to ISO 9001:2015 – 9.1?	Yes
Are preventive actions implemented to reduce recurrence?	Yes
Is management notified when critical deviations occur?	Yes
Are affected stakeholders informed when product risk is identified?	Yes
Is effectiveness of corrective action verified after implementation?	Yes
Documentation & Sign-Off	10 / 10 (100%)
Are all readings and deviations fully documented?	Yes
Are calibration certificates centrally stored and accessible?	Yes
Is the verification date recorded?	Yes
Is the next verification date scheduled?	Yes
Is the overall result clearly indicated (Pass/Fail)?	Yes
Is the technician’s name and signature recorded?	Yes
Is supervisory review and approval completed?	Yes
Are records audit-ready and easily retrievable?	Yes
Are document versions controlled to prevent outdated form usage?	Yes
Is record retention aligned with regulatory and company policy requirements?	Yes
Operational Applicability	6 / 6 (100%)
Is this verification process applied to restaurant freezers and coolers where applicable?	Yes

Is this process applied to equipment or engine monitoring systems where relevant?	Yes
Is the checklist tailored to site-specific operational risks?	Yes
Is compliance with this process periodically audited internally?	Yes
Is performance data reviewed to identify systemic improvement opportunities?	Yes
Is leadership oversight in place for temperature monitoring compliance?	Yes

Is the temperature monitoring system accurate and reliable?

Yes

Are sensor drift and data integrity issues effectively controlled?

Yes

Additional Comments

Assign two staff members to provide root-cause analysis reports for recurring drift issues and repeated nonconformities.

Inspector Signature

Kiera Stephania

Kiera Stephania
16.03.2026 15:17 PST

Supervisor Signature (if applicable)

Kiera Stephania

Kiera Stephania
16.03.2026 15:17 PST

Media summary



Photo 1