



Project Name and Address	Authority Having Jurisdiction
Name: Project Name	Enforcement Agency: Agency
Address: Project Address	Permit Number: Permit Number
City, Zip Code: City, Zip Code	Permit Application Date: Date

Building: Enter Value	Floor: Enter Value	Room: Enter Value	Control/tag: Value
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<input type="checkbox"/> Construction inspection and functional testing comply <input type="checkbox"/> Does not comply	Date Submitted to AHJ: Date
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<b>Intent:</b>	Per Section 120.6(i), this acceptance test applies to steam traps in new industrial facilities and new steam traps added to support new, nonreplacement, process equipment in existing industrial facilities where the installed steam trap operating pressure, which is the steam pressure entering the steam trap during normal design operating conditions, is greater than 15 psig and the total combined connected boiler input rating is greater than 5 million Btu/hr. Reference Section 120.6(i) and NA7.19.
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### Table A: Construction Inspection

Verify and document the following steam trap system capabilities prior to functional testing:

Step	Entry	Item	Code Reference
1.0	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	Distribution system steam trap arrangement and connected steam line operating pressure subject to 120.6(i) were installed as designed including the presence of monitoring equipment, strainer, and blow-off valve.	NA7.19.1.1(a)
2.0	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	Visual confirmation of the central steam trap monitoring system installation, operation and programmed as designed.	NA7.19.1.1(b)
3.0	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	Confirm the central steam trap monitoring system displays status of all installed steam trap sensors with a descriptive label or cross-references to a look-up table with location of sensor.	NA7.19.1.1(c)
4.0	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	Check pass if construction inspection complies with all requirements. Check fail if any inspection <b>does not pass</b> .	N/A

**Table B: Functional Testing**

For steam systems with up to seven (7) steam traps required to have fault detection in accordance with Section 120.6(i), all steam traps would be tested. For steam systems with more than seven (7) steam traps; sampling would include a minimum of 1 steam trap for each group of up to 7 additional steam traps. If the first steam trap in the sample group passes the acceptance test, the remaining steam traps in the sample group also pass. If the first steam trap in a sample group fails, the rest of the steam traps in that group must be tested. If any tested steam trap fault detection sensor fails it must be repaired, replaced, or adjusted until it passes the test. Indicate sample group, identification of tested steam trap, and sample group size (maximum 7, enter 1 for individual testing).

<input type="checkbox"/> Sample group	Identification Tested steam trap	Group Size Sample group size
<input type="checkbox"/> Individual test		

Step	Entry	Functional Test	Code Reference
1.0	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	Identify the status of the steam trap and note if the steam line is operational or nonoperational at the time of the functional test.	NA7.19.1.2 Step 1
2.0	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	Confirm that central steam trap monitoring system is receiving a signal that reflects the status of the steam trap.	NA7.19.1.2 Step 2
3.0	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	Generate a fault at the steam trap sensor for each tested steam trap.	NA7.19.1.2 Step 3
4.0	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	Verify that the central steam trap monitoring system detects the fault and reports the fault detection to the operator.	NA7.19.1.2 Step 4
5.0	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	Reconnect steam trap sensor and verify the fault detection sensor is communicating with the central steam trap monitoring system.	NA7.19.1.2 Step 5
6.0	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	Verify that central steam trap monitoring system does not report a fault.	NA7.19.1.2 Step 6
7.0	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	Return system to initial operating conditions.	N/A
8.0	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	Check pass if all Functional Test Compliance Results comply. Check fail if any Functional Test Compliance Results <b>does not</b> comply.	N/A

Replicate entire page of Table B as needed for additional sample groups.



<b>Document Author</b> I assert that this Certificate of Acceptance documentation is accurate and complete	Name Company Name Author Signature Date Signed
<b>Field Technician</b> I certify the following under penalty of perjury, under the laws of the State of California: The information provided on this Certificate of Acceptance is true and correct. I am the person who performed the acceptance verification reported on this Certificate of Acceptance (Field Technician). The construction or installation identified on this Certificate of Acceptance complies with the applicable acceptance requirements indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and signed by the responsible builder/installer and has been posted or made available with the building permit(s) issued for the building.	Name Company Name Title Phone Signature Date Signed
<b>Responsible Person</b> I assert the following under penalty of perjury, under the laws of the State of California: I am the Field Technician, or the Field Technician is acting on my behalf as my employee or my agent and I have reviewed the information provided on this Certificate of Acceptance. I am eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Acceptance and attest to the declarations in this statement. The information provided on this Certificate of Acceptance substantiates that the construction or installation identified on this Certificate of Acceptance complies with the acceptance requirements indicated in the plans and specifications approved by the enforcement agency and conforms to the applicable acceptance requirements and procedures specified in Reference Nonresidential Appendix NA7. I have confirmed that the Certificate(s) of Installation for the construction or installation identified on this Certificate of Acceptance has been completed and is posted or made available with the building permit(s) issued for the building. I understand that a completed, signed copy of this Certificate of Acceptance shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to ensure this requirement is accomplished. I understand that a signed copy of this Certificate of Acceptance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to ensure this requirement is accomplished.	Name Company Name Lic. No.: License No. Title Phone Signature Date Signed