

July 1, 2010	SANTA ROSA FIRE DEPARTMENT FIRE PREVENTION BUREAU INSPECTION CHECKLIST
	INDUSTRIAL OVEN INSTALLATION

Address:	Permit #:
Inspector:	Date:
Inspector:	Date:
A-Approved, R-Re-inspection Required	

This Checklist outlines general requirements. Information contained herein applies to typical instances and may not address all circumstances.

FILE REVIEW

1. Y N Review plans, plan notes and F.D. plan review condition letter.
2. Y N Review Permits Plus notes and fees prior to final.

CODE REFERENCES

2007 California Fire Code (CFC) Chapter 21
 2007 California Mechanical Code
 NFPA 86, 5th edition

PERMIT(S) REQUIRED

3. Y N An annual permit shall be required as set forth in Appendix Chapter 1, Sections 105.6 and 105.7.
4. Y N Categories and fee amounts are found at: <http://ci.santa-rosa.ca.us/doclib/Documents/IB%20018.pdf>

CUPA

5. Y N Hazardous Materials Business Plan, Hazardous Materials Management Plan shall be submitted to UNIDOCs.

REQUIRED INSPECTIONS

Y N General

64. Approved plans and permit are at the site with comments.
72. Owner's name, address, telephone number.

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Inspection Checklist
Industrial Oven Installation

83. Occupant's name, address, telephone number, if different from owner.
94. Verify Calculations showing ventilation rates.

REQUIRED INSPECTIONS CONTINUED

General

105. Y N Verify location in building where baking and drying oven is installed, showing clearances from combustibles.
116. Verify detailed cross-section of floor on which oven is installed.
127. Method to prevent exterior surface temperature reaching 160°F.
138. Type and amount of insulation used in panel construction.
149. Method and calculations of explosion control.
159. Location, size and material construction of exhaust ducts, including termination of ducts in relation to building openings.
164. Location, size and type of fresh air ventilation equipment.
172. Type, location, make, model and operational sequence of safety controls, including,
 - Ventilation interlocks controls,
 - Fuel-safety interlocks controls,
 - Excess temperature controls,
 - Conveyor interlock controls, if applicable.
183. Type and location of fuel source.
194. Type of automatic fire and explosion suppression, if applicable.
2045. Make, model and location of continuous vapor concentration indicators and controllers
2146. **CFC 2103.1** Verify ventilation requirements per CMC
2247. **CFC 2103.2** Verify exposure requirements
2348. **CFC 2103.3** Verify possible ignition sources
2449. **CFC 2103.4** Verify insulation and ventilation requirements
2520. **CFC 2104.1** Verify Fuel-gas piping comply with CMC
264. **CFC 2104.2** Verify Shutoff valves comply with CMC
272. **CFC 2104.2.1** Verify fuel supply lines location

—Exception: When approved and the valve is located in the same general areas the appliance served.

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283. **CFC 2104.3** Verify valve position indicator and handle/wrench types

294. **CFC 2105.1** Verify Interlocks for exhaust and recirc air supply

REQUIRED INSPECTIONS CONTINUED

~~Y~~ ~~N~~ ————— General

- | | <u>Y</u> | <u>N</u> | |
|-----|--------------------------|--------------------------|--|
| 25. | <input type="checkbox"/> | <input type="checkbox"/> | CFC 2106.1 and 2106.2 Verify fire extinguishing system (may be deferred item) |
| 26. | <input type="checkbox"/> | <input type="checkbox"/> | CFC 2106.3 Verify fire extinguishers and placement |
| 27. | <input type="checkbox"/> | <input type="checkbox"/> | CFC 2107.1 Verify furnace system information form or nameplate |
| 28. | <input type="checkbox"/> | <input type="checkbox"/> | CFC 2107.2 Verify oven nameplate safety data (see exception) |
| 29. | <input type="checkbox"/> | <input type="checkbox"/> | Complete data entry in Permits Plus |
| 30. | <input type="checkbox"/> | <input type="checkbox"/> | Prepare file for archive |

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