

CERTIFICATE OF INSTALLATION		CF2R-MCH-27-H	
Indoor Air Quality and Mechanical Ventilation		(Page 1 of 7)	
Project Name:	Chandler Residence	Enforcement Agency:	County of Sonoma
		Permit Number:	BLD18-3233
Dwelling Address:	19 Brighton Court	City:	Santa Rosa
		Zip Code:	95403

Title 24, Part 6, Section 150.0(o) **Ventilation for Indoor Air Quality.** All dwelling units shall meet the requirements of ANSI/ASHRAE Standard 62.2. Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings. *Equation and table numbering on this form corresponds to the numbering for that information in the published ANSI/SHRAE Standard 62.2-2010.*

A. Dwelling Mechanical Ventilation - General Information		
01	Dwelling unit name	Chandler Residence
02	Building Type	Single Family
03	Project scope	Newly constructed building
04	Total Conditioned Floor Area of Dwelling Unit (For addition projects the conditioned floor area equals existing area plus addition area.)	2185
05	Number of bedrooms in dwelling unit (For addition projects the number of bedrooms equals the existing bedrooms plus addition bedrooms)	3
06	Ventilation Operation Schedule	Continuous
07	Whole-Building Ventilation Rate Calculation Method	Fan Ventilation Rate Method (4.1.1)
08	Whole Building Ventilation System Type	Standalone - Exhaust
09	IAQ Fan Location	Laundry
<p>Note: Non-dwelling units do not meet the definition for a dwelling unit as defined in Section 100.1(b). Non-dwelling units are not designed to provide independent living facilities and do not provide permanent provisions for living, sleeping, eating, cooking and sanitation.</p>		

MCH-27a - Continuous Ventilation Airflow - Fan Ventilation Rate Method

B. Whole-Building Continuous Ventilation - Fan Ventilation Rate Method		
A mechanical supply system, exhaust system, or combination thereof shall provide whole-building ventilation with outdoor air each hour at no less than the rate in equation 4.1a.		
01	Required Continuous Whole-Building Ventilation Rate (Q_{fan})	52
02	Installed Continuous Whole-Building Ventilation Rate	526