

CERTIFIED BALANCE REPORT AND KITCHEN HOOD TEST DATA - SECTION 509.11

Must be performed by an independent contractor (not involved with the installation) who is licensed and certified to perform such tests.

Date: _____

Contractor Name & License No: _____

Permit No: _____

Job Name & Address: _____

Hood Location: _____

Plan Sheet No: _____ Plan Sheet No: _____

1. Type of Hood: Type I Type II

2. List All Equipment Under Hood: _____

3. Actual Hood Size:

$$\frac{\text{_____ Ft.}}{\text{(Hood Width)}} \times \frac{\text{_____ Ft.}}{\text{(Hood Length)}} = \frac{\text{_____ Sq. Ft.}}{\text{(Hood Area)}}$$

4. Required Quantity of Air

$$\frac{\text{_____ Ft.}}{\text{(Hood Width)}} \times \frac{\text{_____ Ft.}}{\text{(Hood Length)}} \times \frac{\text{_____}}{\text{(Formula)}} = \frac{\text{_____ CFM.}}{\text{(Hood Exhaust)}}$$

5. Actual Quantity of Air As Measured: = _____ CFM
(Actual Volume)

6. Actual Total Filter Area = _____ Sq. Ft.
(Filter Area)

7. Actual Filter Air Flow Rate Per Sq.Ft. of Filter Area:

$$\frac{\text{_____ CFM}}{\text{(CFM from No. 5)}} / \frac{\text{_____ Sq.Ft.}}{\text{(Filter Area)}} = \frac{\text{_____ FPM}}{\text{(Hood Area)}}$$

8. Listed Filter Air Flow Rate: = _____ FPM Per Filter
(As Shown on Filter)

9. Actual Duct Size:
Rectangular Duct

$$\frac{\text{_____ Ft.}}{\text{(Front Width)}} \times \frac{\text{_____ Ft.}}{\text{(Side Width)}} = \frac{\text{_____ Sq.Ft.}}{\text{(Hood Area)}}$$

OR Round Duct

$$0.79 \times \frac{\text{_____ Ft.}}{\text{(Duct Diameter)}} = \frac{\text{_____ Sq.Ft.}}{\text{(Hood Area)}}$$

10. Actual Quantity of Make Up Air As Measured: = _____ CFM
(Actual Volume)

The exhaust and make up air system (does / does not) meet the minimum design requirements as shown on the approved plans.

Signature of Licenced Certifier: _____



HOOD CERTIFICATION FORM
HELP FOR THE SMALL BUSINESS
CITY OF FILLMORE, BUILDING AND SAFETY

Approved By: _____ Date: 10/22/03 Sheet 1 of 1 D-5