



# Clark County Department of Building & Fire Prevention

## Building Division – Inspection Services

### Field Inspection Guideline

<b>SUBJECT:</b>	<b>Btu/h (input rating) of Natural Gas Per Cubic Foot per Hour Rating</b>	<b>FIG-P-001</b>		
<b>Effective Date:</b>	<b>August 28, 1990</b>	<b>Revised: February 26, 2007</b>	<b>Approved By:</b>	<b>GJF</b>
<b>Code Chapter:</b>	<b>2006 UPC Figure 12-2 Section: 301.1.2, Section: 1209.1.1 Section: 1209.4.2, Section: 1216.3</b>			<b>Page 1 of 1</b>

**Interpretation:**

Southwest Gas Corporation (local gas purveyor) has determined the average daily demand conversion rate for their product shall be: for every 1000 Btu's (input) shown on the rating plate of a listed natural gas, fired appliance shall be equal 1 cubic foot per hour rating (CFPH).

**Field Application:**

The field inspector shall verify the Btu input rating of all gas fired appliances established on the approved gas plan **OR**, if not identified on the approved plan use Table 12-1 of the adopted UPC. The field inspector shall convert the Btu's into CFPH to determine the proper pipe sizing of the appliance.

**Example:** Cooking Appliance, Built-In Top Unit Domestic, listed in Table 12-1 = 40,000 Btu's. Divide 40,000 Btu's ÷ 1000 = 40 CFPH.

**Note:** No natural gas fired appliance shall be approved without a rating plate attached to the appliance. The rating plate shall publish the type of gas to be utilized, model number, manufacturer, appliance standard to which it conforms, and the seal of the approving agency.