

## GUIDE TO APPLYING REGULATION 5A MEANINGS OF LOW-RISK, HIGH-RISK, AND GENERAL GASFITTING

Refer to Regulation 5A for definitive answers.

### Step one:

Work out if the work is gasfitting.

### Step two:

Work out if the work is **low-risk** gasfitting. To do this, compare the work you are doing to the following list:

1. If you are replacing an appliance with an equivalent appliance (unless in a caravan or boat), do you have to change ANYTHING except the appliance?

Anything includes:

- Adding something, a new plug, fitting or flue component that wasn't there beforehand (this becomes a pipework alteration or addition)
- The repositioning of pipework
- The repositioning of flue system components
- A change in the installation pressure
- A change in the gas type
- A significant change in energy consumption
- A change in the ventilation
- A change to the operation of the installation.

**No = Low**

2. Are you fixing things without replacing them (unless the work is following a notifiable accident)?

**Yes = Low**

3. Are you replacing instrumentation or related controls without touching the gas pipes?

**Yes = Low**

4. Are you changing settings that the consumer or gas refueller shouldn't?

**Yes = Low**

5. Is the work you are doing temporary gasfitting for experimental, testing demonstration, teaching or research purposes and in one of the following locations:

- Gas engineering workshop
- Manufacturing facility
- Gas test facility
- Laboratory
- Hospital
- Research project
- Teaching institution?

**Yes = Low**

6. Are you testing according to NZ Standards 5255 or 5256?

**Yes = Low**

**If it fits in low-risk, STOP HERE. The work is low-risk gasfitting.**

If it doesn't fit, move to Step 3.

### **Step 3:**

Work out if the work is **high-risk** gasfitting. To do this, compare the work you are doing to the following list:

ARE YOU IN A BUILDING?

**Yes, go to A – No, go to B.**

#### **A. Work in a building (ie, AS/NZS 5601.1 applies):**

1. Did you add or change something on an existing installation?

**Yes = High**

2. Did you comply with AS/NZS 5601.1 sections 3-6?

**No = High**

3. Does the installation involve gas pressure raising equipment?

**Yes = High**

4. Is it repair work following a notifiable accident?

**Yes = High**

5. Does the building contain more than 3 storeys?

**Yes = High**

6. Does the building contain 3 or more separate dwellings?

**Yes = High**

7. Is the supply pressure is greater than 200kPa?

**Yes = High**

8. Is the work within 20 metres of a hazardous area (as determined in accordance with AS/NZS 60079.10.1 or AS/NZS 60079.10.2, as appropriate)?

**Yes = High**

9. Is the work in a building where the air pressure within the building is intended to be controlled by a mechanical ventilation system?

**Yes = High**

10. Is the work in a place where the air for combustion may be varied by mechanical means?

**Yes = High**

11. Is the work in a domestic premises and is the gas pressure greater then 7kPa for natural gas and 14kPa for LPG?

**Yes = High**

## **B. Work in/on something other than a building (ie, AS/NZS 5601.2 applies):**

1. Is the work in a specified caravan or boat (ie, any vehicle or pleasure vessel that contains sleeping quarters, or is intended to be used for sleeping in)?

**Yes = High**

2. Did you comply with AS/NZS 5601.2 sections 3-9?

**No = High**

3. Does the installation involve gas pressure raising equipment?

**Yes = High**

4. Is it repair work following a notifiable accident?

**Yes = High**

5. Is the supply pressure greater than 3kPa?

**Yes = High**

6. Is the work within 20 metres of a hazardous area (as determined in accordance with AS/NZS 60079.10.1 or AS/NZS 60079.10.2, as appropriate)?

**Yes = High**

7. Is the work in a place where the air for combustion may be varied by mechanical means?

**Yes = High**

**Does it fit? Certify as high-risk and put the details from the CoC on the database.**

#### **Step 4:**

If it doesn't fit into either the low-risk or high-risk categories, then the work is general gasfitting.

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