Unit 113: Plumbing, heating and ventilation

# Worksheet 3: Copper jointing – capillary and press fittings (learner)

Complete the following tasks as directed by your tutor:

|  |  |
| --- | --- |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |

1. In the space below, write a step-by-step process describing how a press-fit joint should be made:
2. Identify the fittings shown below:

|  |  |  |
| --- | --- | --- |
|  | Image | Description |
| A |  |  |
| B | A close up of a device  Description automatically generated |  |
| C |  |  |
| D | A close up of an object  Description automatically generated |  |
| E | A close up of a device  Description automatically generated |  |
| F |  |  |

1. What is the correct way to order the fittings shown below?

A close up of a device

Description automatically generated

1. 15mm x 22mm x 15mm end feed tee
2. 15mm x 15mm x 22mm end feed tee
3. 15mm x 22mm x 15mm integral solder tee
4. 15mm x 15mm x 22mm integral solder tee
5. What is the correct way to order the fittings shown below?

A close up of a device

Description automatically generated

a. 35mm x 35mm x 22mm integral solder tee

b. 35mm x 22mm x 35mm integral solder tee

c. 35mm x 35mm x 22mm end feed tee

d. 35mm x 22mm x 35mm end feed tee

1. Why should flux paste be added to the outside of the pipe rather than the inside of the fitting? Explain your answer below: