Unit 113: Plumbing, heating and ventilation

# Worksheet 8: Hot water part 2 (learner)

Complete the tasks in this worksheet as directed by your tutor:

1. Label the connections on the cylinder:

|  |  |
| --- | --- |
| **Label** | **Connection** |
| A |  |
| B |  |
| C |  |
| D |  |
| E |  |

Type of cylinder: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. Complete the table indicating True or False to the statements relating to open vented indirect hot water systems:

|  |  |
| --- | --- |
| **Statement** | **True or False?** |
| Open vented double feed hot water systems are fed straight from the cold water main |  |
| The correct storage temperature for hot water is between 45–55⁰C |  |
| The water contained within the cylinder that feeds outlets is called secondary water |  |
| The water contained within the coil within the cylinder is called primary water |  |
| Heat is mostly transferred by radiation within an indirect hot water cylinder |  |

1. Use the space below to list advantages of the indirect system over the direct system of hot water:
2. Identify the components shown below and describe their function within a hot water system:

A: B:

A picture containing camera

Description automatically generated

A close up of a sign

Description automatically generated

OPEN

A:

B: