



Now live on SmartScreen!

6189 Level 2 NVQ Diploma in
Plumbing and Domestic Heating





4 units are now live on SmartScreen:

- **Unit 001/201: Understand and carry out safe working practices in building services engineering**
- **Unit 006/206: Understand and apply domestic cold water system installation and maintenance techniques**
- **Unit 007/207: Understand and apply domestic hot water system installation and maintenance techniques**
- **Unit 008/208: Understand and apply domestic central heating system installation and maintenance techniques**





Support for each unit includes:

- Sample scheme of work
- Sample lesson plans
- PowerPoint presentations
- Handouts
- Worksheets
- Interactive activities
- Sample questions
- Unit glossary





Example: Handout

Unit 001/201: Understand and carry out safe working practices in building services engineering

Handout 2: Personal protective equipment (PPE)

PPE is designed to protect against workplace hazards. Health and Safety at Work regulations require employers to provide:

- protective clothing for working outdoors
- eye protection from dust, sparks or flying objects
- respirators to protect from dust and fumes
- ear defenders where noise levels are above 80 dB(A)
- protective clothing when exposed to hazardous substances such as lead
- shelter for use during bad weather
- storage equipment for PPE.



Safety helmet

Helmets protect from falling objects and the risk of hitting your head on objects such as scaffolding.

Although required to wear hard hats while performing certain tasks, only 16% of construction workers suffering head injuries in a single year were actually wearing them when their injuries occurred.



Eye protection

Forms of eye protection include goggles, visors, shields and face screens. Eye protection is required by law when working in hazardous areas and should be worn to protect from possible injuries caused by corrosive substances, welding/soldering and using hammers, chisels and power drills.



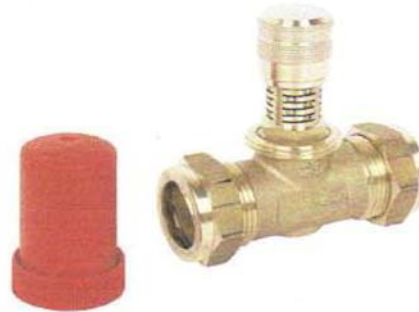
Example: Worksheet

Unit 008/208: Understand and apply domestic central heating system installation and maintenance techniques

Worksheet 4: Central heating system components

Identify the central heating system components below and answer the questions that follow:

1.



a. Component:

b. Where in the central heating system would you install this component?

c. For what reason would you install this component?

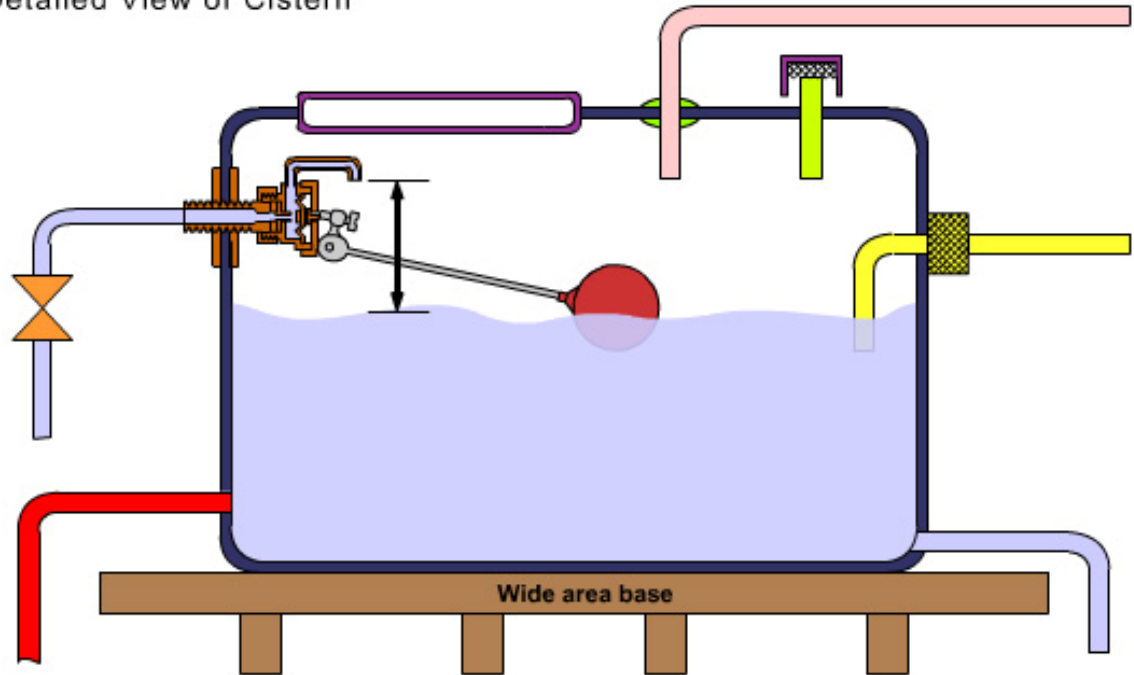




Example: Interactive activity

Detailed View of Cistern

v2



Instructions:

Click each active part above and choose the correct label from the list below:

cold feed

cold distribution pipe

dip pipe

screened overflow

air gap

float valve

tight fit cover

hot water vent

screened vent



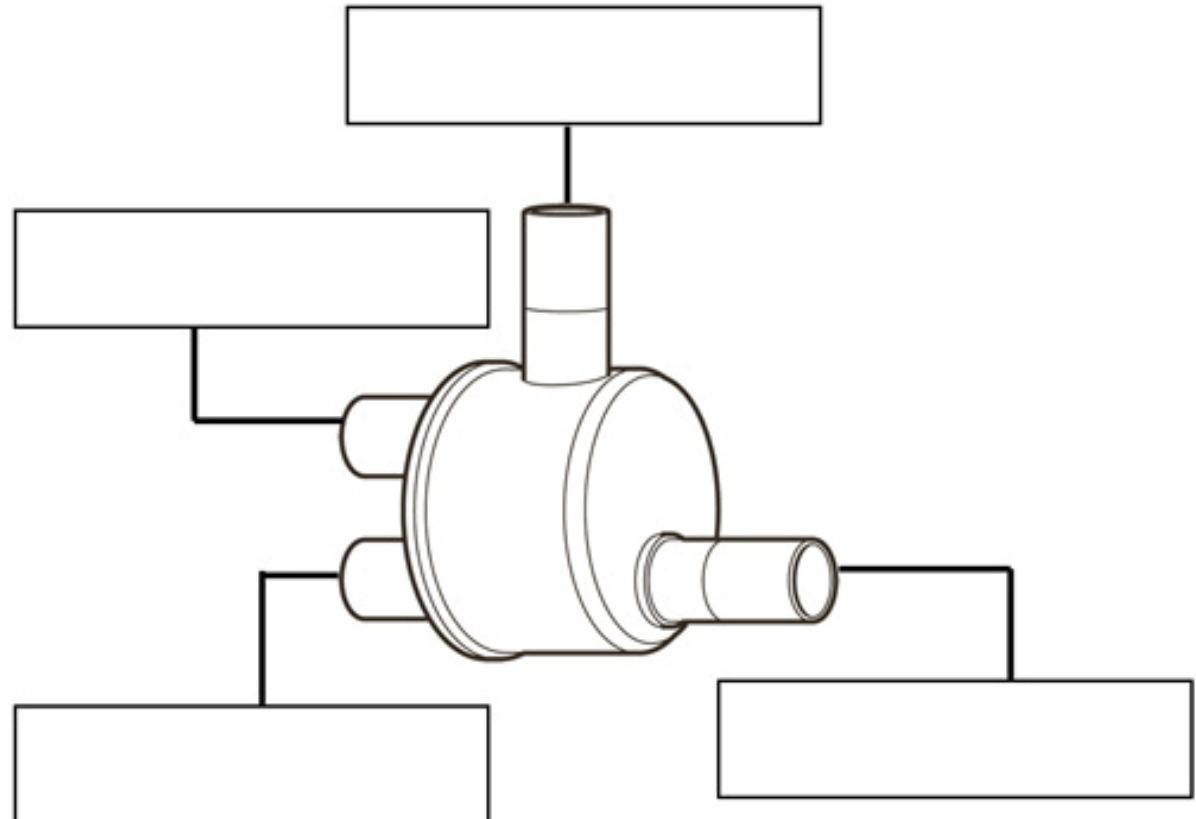
Example: Interactive activity

Activity 2: Air separator

Complete the activity below by labelling the outlets on the image of the air separator.

You can also download the activity to complete below in PDF or Word format.

Cold feed to the system



Check Score

Reset Positions



Example: Sample questions

Unit 006/206 Sample questions

Question 2 of 20

Point Value: 1

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Dedicated online support



Which one of the following is the minimum depth a water main service should be laid?

- 750 mm.
- 850 mm.
- 1250 mm.
- 1350 mm.

Score so far: 1 points out of 1

SUBMIT





Coming soon!

Support for the following units will be available from 1 May 2011:

- **Unit 002: Understand how to communicate with others within BSE**
- **Unit 003: Understand how to apply environmental protection measures within BSE**
- **Unit 004: Understand how to apply scientific principles within mechanical services engineering**
- **Unit 005/205: Understand and carry out site preparation and pipework fabrication techniques for domestic plumbing and heating systems**





**For more information please email:
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