

Plumbing Tools and Equipment – B1/B2

English for Plumbers | Intermediate to Upper Intermediate

Name: _____

Date: _____

Score: _____ / 56

Note: Exercise 8 (Listening) is completed using the interactive online lesson only.

Vocabulary

Term	Meaning	Example
torque wrench	a wrench that tightens fittings to a precise level of force to prevent over-tightening	"Use the torque wrench to tighten the compression fitting to the correct specification."
pipe bender	a tool used to bend metal pipe to a specific angle without collapsing it	"Use the pipe bender to form a ninety-degree bend in the copper."
inspection camera	a small flexible camera used to look inside pipes and drains	"Feed the inspection camera into the drain to locate the blockage."
deburring tool	a tool used to remove sharp edges from the inside of a cut pipe	"Run the deburring tool around the inside edge before fitting the joint."
flux brush	a small brush used to apply flux evenly to copper pipe before soldering	"Apply flux with the flux brush to every joint surface."
compression tester	a device used to check that pressure inside a system holds steady after a repair	"Run the compression tester across all joints before signing off the job."
pipe freezing kit	a kit that freezes water in a pipe section to create a temporary block	"Use the pipe freezing kit so you can work on the joint without draining the system."
drain snake	a long flexible steel cable used to clear blockages deep inside a drain	"The plunger did not clear it. Try the drain snake."
multimeter	an electrical testing device used to measure voltage, current and resistance	"Check the pump connections with the multimeter before replacing it."
pressure relief valve	a safety valve that opens automatically to release excess pressure	"The pressure relief valve has activated. The system pressure is too high."
pipe lagging	insulating material wrapped around pipes to prevent heat loss or freezing	"Fit pipe lagging to all exposed pipework in the loft."
PTFE tape	a white thread seal tape used on threaded joints to prevent leaks	"Wrap PTFE tape clockwise around the thread before fitting the valve."
crimping tool	a tool used to join pipes with push-fit fittings by compressing a metal ring	"Use the crimping tool to secure the push-fit connection on the manifold."
hydraulic pump	a hand or powered pump used to pressurise a system for leak testing	"Attach the hydraulic pump and raise the pressure to six bar for the test."
isolation tool	a specialist tool used to close off a pipe at the stopcock without draining	"The isolation tool lets you work on the tap without turning off the main supply."

Exercise 1 - True or False?

Read each sentence. Write True or False on the line.

1. A torque wrench tightens fittings to a precise level of force. _____
2. A deburring tool is used to bend pipe to a specific angle. _____
3. PTFE tape is wrapped around threaded joints to prevent leaks. _____
4. A compression tester is used to apply flux before soldering. _____
5. An inspection camera is used to locate blockages inside pipes. _____
6. Pipe lagging insulates pipes to prevent heat loss or freezing. _____
7. A drain snake is used to measure pipe pressure. _____
8. A hydraulic pump pressurises a system for leak testing. _____

Exercise 2 - Multiple Choice

Circle the correct word or phrase.

1. The inside edge of the cut pipe is rough. Run the ____ around it before fitting.
PTFE tape / flux brush / deburring tool / multimeter
2. Wrap the ____ clockwise around the thread to create a watertight seal.
pipe lagging / PTFE tape / compression tester / crimping tool
3. We cannot drain the system. Use the ____ to create a temporary ice plug.
isolation tool / drain snake / pipe freezing kit / hydraulic pump
4. Feed the ____ into the drain to find where the blockage is located.
pipe bender / inspection camera / flux brush / compression tester
5. Connect the ____ and raise the pressure to test all the joints for leaks.
multimeter / hydraulic pump / torque wrench / deburring tool
6. The pump wiring looks suspect. Check it with a ____ before replacing the unit.
multimeter / crimping tool / pipe freezing kit / torque wrench
7. All pipework in the loft must be covered with ____ before the cold weather arrives.
pipe lagging / flux brush / isolation tool / PTFE tape
8. Use the ____ to compress the ring on the push-fit connection to the manifold.
crimping tool / pipe bender / hydraulic pump / inspection camera

Exercise 3 - Matching

Match each term (1-8) with the correct description (A-H).

- | | |
|----------------------------|---|
| 1. torque wrench ____ | A. A thread sealing tape wound around male fittings to create a leak-free joint |
| 2. inspection camera ____ | B. A wrench that applies a measured and controlled level of tightening force |
| 3. pipe freezing kit ____ | C. A pump used to raise system pressure to a specified level for testing purposes |
| 4. compression tester ____ | D. A tool used to smooth the internal edge of a freshly cut pipe before jointing |

- | | |
|------------------------|---|
| 5. PTFE tape ____ | E. A device used to verify that system pressure remains stable after repair work |
| 6. crimping tool ____ | F. Equipment used to solidify water in a pipe section, creating a temporary seal |
| 7. hydraulic pump ____ | G. A tool that secures push-fit connections by compressing a metal ring onto the pipe |
| 8. deburring tool ____ | H. A flexible camera device inserted into pipework to identify internal faults or blockages |

Exercise 4 - Gap Fill

Write the correct word in each gap. The word is given in brackets.

1. Apply flux with the _____ to all joint surfaces before you apply heat. (flux brush)
2. The _____ has activated, which means the system pressure has exceeded the safe limit. (pressure relief valve)
3. Use the _____ to form the ninety-degree angle without collapsing the pipe wall. (pipe bender)
4. The _____ allows you to isolate a section without draining the whole system. (pipe freezing kit)
5. Check the pump motor connections with the _____ to rule out an electrical fault. (multimeter)
6. Wrap _____ clockwise around the thread before fitting the pressure gauge. (PTFE tape)
7. All exposed pipework in the roof space must be covered with _____. (pipe lagging)
8. After cutting, always remove the burr with a _____ before jointing. (deburring tool)

Exercise 5 - Word Order

Put the words in the correct order.

1. pipe / to / bender / bend / the / copper / the / Use

2. into / pipe / camera / the / the / inspection / Feed

3. thread / the / PTFE / Wrap / tape / around

4. Connect / and / joints / test / pump / hydraulic / the / the

5. flux / with / brush / flux / the / Apply / the

6. Check / the / the / multimeter / with / pump

7. Remove / burr / the / deburring / with / tool / the

8. Fit / all / pipe / exposed / pipework / the / to / lagging

Exercise 6 - Word Sort

Write each term in the correct column.

Terms: deburring tool | multimeter | pressure relief valve | pipe freezing kit | compression tester | inspection camera | pipe bender | crimping tool

Diagnostic and Testing	Cutting and Joining
_____	_____
_____	_____
_____	_____
_____	_____

Exercise 7 - Complete the Conversation

Choose the correct word or phrase to complete each gap.

Engineer: Before you start, check all the joints with the _____. We need six bar for ten minutes.

(flux brush / crimping tool / hydraulic pump / multimeter)

Plumber: Understood. I will also wrap _____ on every threaded connection first.

(pipe bender / PTFE tape / pipe lagging / drain snake)

Engineer: Good. The drain in bay three is blocked. Have you tried the _____?

(deburring tool / compression tester / torque wrench / drain snake)

Plumber: Yes, no luck. I think I need the _____ to see exactly where the obstruction is.

(inspection camera / crimping tool / pipe freezing kit / flux brush)

Engineer: Fine. Also, we cannot drain the mains section. Use the _____ to isolate it.

(multimeter / pipe freezing kit / pipe lagging / PTFE tape)

Plumber: I have the kit in the van. After the repair, should I test the joint with the _____?

(compression tester / drain snake / pipe bender / deburring tool)

Engineer: Yes, and make sure you use the _____ on the cut ends before fitting the joints.

(pipe lagging / deburring tool / flux brush / torque wrench)

Plumber: Always do. I will also cover the new pipework in the roof space with _____.

(pipe lagging / PTFE tape / multimeter / compression tester)

TEACHER ANSWER KEY — DO NOT DISTRIBUTE TO STUDENTS

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Teacher Answer Key

Note: Exercise 8 (Listening) is online only and not included in this PDF.

Exercise 1

1. True
2. False
3. True
4. False
5. True
6. True
7. False
8. True

Exercise 2

1. deburring tool
2. PTFE tape
3. pipe freezing kit
4. inspection camera
5. hydraulic pump
6. multimeter
7. pipe lagging
8. crimping tool

Exercise 3

1. torque wrench -> B
2. inspection camera -> H
3. pipe freezing kit -> F
4. compression tester -> E
5. PTFE tape -> A
6. crimping tool -> G
7. hydraulic pump -> C
8. deburring tool -> D

Exercise 4

1. flux brush
2. pressure relief valve
3. pipe bender
4. pipe freezing kit

- 5. multimeter
- 6. PTFE tape
- 7. pipe lagging
- 8. deburring tool

Exercise 5

- 1. Use the pipe bender to bend the copper
- 2. Feed the inspection camera into the pipe
- 3. Wrap PTFE tape around the thread
- 4. Connect the hydraulic pump and test the joints
- 5. Apply flux with the flux brush
- 6. Check the pump with the multimeter
- 7. Remove the burr with the deburring tool
- 8. Fit pipe lagging to all exposed pipework

Exercise 6

Diagnostic and Testing: inspection camera, compression tester, multimeter, pressure relief valve
Cutting and Joining: pipe bender, deburring tool, crimping tool, pipe freezing kit

Exercise 7

Engineer: hydraulic pump
Plumber: PTFE tape
Engineer: drain snake
Plumber: inspection camera
Engineer: pipe freezing kit
Plumber: compression tester
Engineer: deburring tool
Plumber: pipe lagging