



NZQA accredited and registered provider

Clean Components

PRACTICE PAPER ONLY

Test Paper One / Time allowed 90 mins

To be completed by the student

Student Name _____ **Date** __ / __ /2021

School/Provider _____

To be completed by the School Invigilator/Coordinator/Tutor

I confirm that this assessment was completed by the student named above as a closed book exercise under exam conditions

Invigilator Name _____

Invigilator Sign _____

Assessed By _____

Date __ / __ / 2021

**Assessor's
Stamp**

Assessors Note: Materials relate to unit standard 21668

SAMPLE ASSESSMENT INSTRUCTIONS

PLEASE MAKE SURE TO READ AND SIGN THIS SECTION

ASSESSMENT INSTRUCTIONS

- Before starting this assessment you should have achieved a mark of at least 80% for your workbook.
- Use a black or blue ball point pen. (do not use pencil)
- Write your full name on the cover page.
- This is a closed book assessment, so you cannot bring any reference material in, or seek help from anyone else.
- You need to answer all the questions.
- Read the questions carefully, and give detailed answers when asked to.
- You must complete the assessment under exam conditions.
- To achieve the unit standard you must show competency for each outcome.

Complete the following by circling Yes or No as appropriate:

Are you ready to be assessed? **Yes No**

Have the assessment instructions these been explained to you? **Yes No**

Do you understand the assessment instructions? **Yes No**

Have you all the materials/resources that you need for this assessment? **Yes No**

Please sign to acknowledge that you have read these instructions and are ready to be assessed.

Student Signature: _____ Date: _____

You must complete the assessment instructions on Page 2 before starting this assessment!

ELEMENT ONE

Demonstrate knowledge of materials and equipment used to clean automotive components.

- 1. Provide a brief description of each of the following items of cleaning equipment.**

Brake wash machine _____

Ultrasonic cleaner _____

Cabinet _____

Parts wash machine _____

Basket cleaner _____

Steam cleaner _____

Drip tray _____

2. Complete the following table by providing an automotive use for each cleaning agent

Gasket stripper	
Electrical cleaner	
Carburettor parts cleaner	
Engine degreaser	

3. What are the health and safety dangers of overexposure to solvents containing hydrocarbons?

4. Why is it important to check the flash point before using solvents?

5. What are the main advantages associated with water based cleaning solutions when compared to solvent based solutions.

6. What safety precautions should be observed when storing flammable and/or toxic substances?

7. How should used cleaning rags be disposed of?

ELEMENT TWO

Demonstrate knowledge of cleaning automotive components.

1. List an automotive cleaning use for each of the following:

Wire brush: _____

Sand paper: _____

File: _____

Scraper: _____

2. List the most appropriate tool or cleaning agent that should be used in each of the followings instances:

Clean brake linings

Clean grime from sensors

Remove deposits from EGR valves

Clean disassembled gears and shafts

3. Explain why it is important to wear each of the following when using cleaning agents

Safety gloves

Safety goggles

Safety boots

Filter mask

4. What is the name of the law that workshops must abide by when handling and storing harmful cleaning agents?

5. Outline the procedure involved when removing gasket material.

- 6. Outline the procedure involved when cleaning electronic components in an engine bay.**

- 7. Outline a procedure involved when cleaning a crankshaft that has been removed from an engine.**

- 8. Provide two safety precautions that are particularly relevant when using a parts wash machine.**

1 _____

2 _____

9. How should chemicals that are used for automotive cleaning applications be stored?

10. How should chemical waste that was used for automotive cleaning applications be disposed of?

11. Explain why it is important to avoid electronic components when steam cleaning.

12. Would it be appropriate to clean an electrical switch using a parts wash machine? Please explain your answer.



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