

Unit Standard **21668**

Demonstrate knowledge of cleaning automotive components Level 2 Credit 2 v2

Student Name:

School:

Date:

Marked By: _____ **Mark** _____ **%**

Feedback: **Excellent work**
 Good work

Please attempt all questions
Please resubmit

USEFUL WEBLINKS

Using Files

<http://youtu.be/OR2UwZRBws>

Agitators and Basket

<http://youtu.be/yIPZ2f2D11Y>

Ultrasonic Cleaners

<http://youtu.be/ydrCptU2atU>

Cabinets

http://youtu.be/ASwER8ur_6A

Brakes Cleaner

<http://youtu.be/4lphTD9Swq0>

Carburettor Cleaner

<http://youtu.be/YFubmO9wzxs>

Auto Electrical Cleaning

<http://youtu.be/hZFYIWfMaVY>

Degreaser

<http://youtu.be/6cjAgTb7fEg>

<http://youtu.be/1ORPwC0HLr0>

Gasket Stripper

http://youtu.be/5xWIFLNc_CU

Steam Cleaning

<http://youtu.be/aORgYGHdCF4>

REVIEW QUESTIONS ONE

Q1 List three ways in which a technician can develop an awareness of workshop hazards.

Q2 Name the Act of Parliament that outlaws littering.

Q3 List five points to consider when storing goods.

Q4 Complete the following sentences.

The _____ and _____ used in an automotive workshop should be _____, _____ and returned to the designated _____ area after use. Not only does this _____ allow for easy _____ for your colleagues, but also ensures that the tools and equipment are in order.

- Q5 List three safety points to be considered when working with electrical tools.
- Q6 Explain why it may be necessary to wear a filter mask when cleaning components.
- Q7 List three reasons why safety gloves should be worn when cleaning components.
- Q8 List three safety points to be considered when using a scraper.
- Q9 Name the three main types of files used in automotive workshops.
- Q10 Outline in your own words the procedure to follow when using a file.

Q11 Explain why it might be necessary to sand a component.

Q12 Outline the procedure involved in applying an electrical cleaner.

Q13 List five components that may be cleaned using carburettor parts cleaner.

Q14 Complete the following sentences.

Carburettor parts cleaner is specifically designed to clean
carburettor components and remove brake
oil and dust from brake
and .

Q15 Why it is necessary to mask paintwork when using gasket cleaner.

Q16 Outline the procedure involved in applying engine degreaser.

Q17 What is the function of the re-circulating fluid pump in the parts wash machine?

Q18 List five components that should not be cleaned in a parts wash machine.

Q19 What action should be taken if parts wash cleaning fluid is swallowed?

Q20 Explain why compressed air should never be used to clean brake components.

Q21 Complete the following sentences.

When the _____ air line is attached the
fluid _____ draws the brake _____ solution from the
solvent _____ and delivers the solvent to the _____ .
When the handpiece _____ is squeezed, the solvent _____ flows
through the hand piece _____ and cleaning brush _____ .
The solvent then _____ into the cleaning _____ and
passes through a _____ system before _____ the solvent
drum.

Q22 Explain in your own words the operating principles behind a steam cleaner.

Q23 List five components that can be cleaned using a steam cleaner.

Q24 List three vehicle areas that should not be cleaned using a steam cleaner.