



NZQA accredited and registered provider

## Hazardous Materials

# 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 21718**

# SAMPLE ASSESSMENT INSTRUCTIONS

## PLEASE MAKE SURE YOU 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!**

**OUTCOME ONE**

Demonstrate knowledge of materials that constitute hazardous waste in the motor industry

1. a) Name three hazardous materials that can be toxic if inhaled or absorbed

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- b) Name three hazardous materials that can cause environmental harm

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- c) Name three hazardous materials that can cause burns or skin irritations

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- d) Name three hazardous materials that are flammable

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2. What is the main purpose of the Ozone Layer Protection Act

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**3. Briefly describe why hazardous materials are used in automotive workshops**

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**4. What is the purpose of material data safety sheets?**

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**5. Name one possible consequence of not storing hazardous materials in their original containers**

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**6. Why is it important to wear protective clothing when handling rubbish from the workshop?**

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**7. Explain why it is important to prevent hazardous materials from going into the atmosphere**

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**8. Name any material used in the automotive industry that can cause damage to the water system**

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**9. If a chemical spill cannot be identified what steps should you take?**

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**OUTCOME TWO**

Demonstrate knowledge of using and storing hazardous materials in the motor industry.

- 1. Identify the potential hazards that Leroy the apprentice creates in each of the following scenarios.**

Leroy is not wearing a respirator when cleaning dust off the brakes

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While carrying oil soaked rags to the disposal bin Leroy decides to light a cigarette

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When Leroy returns the cleaning agents he was using to the storage area he has not made sure that the lids are on securely

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- 2. List two characteristics a dangerous goods store should have**

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- 3. When storing hazardous materials containers explain why it is important that the containers are labelled correctly**

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**4. For each of the following statements please indicate whether the statement is true (T) or false (F) by entering T or F in the box as appropriate.**

Under the Ozone Layer Protection Act 1996 it is illegal to release refrigerant into the atmosphere

Hazardous substances can be stored in a wooden framed building.

A dangerous goods store should be fire proof and well ventilated

Small quantities of hazardous substances can be stored in sealed lockable metal cabinets (no more than 100 litres in total)

Heavy items should be stored on the top shelves of a steel rack

**5. List three personal safety equipment/clothing items that should be worn when using fillers and hardeners**

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**6. If a material is labelled toxic what does that indicate with regards to handling and usage?**

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**7. How do workshops prevent fuels and oils from entering the waterways?**

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**8. Outline the correct disposal method for each of the following substances**

Solvents

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Paint

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Filler Dust

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**9. Explain why it is important to store oxidising substances away from flammable substances**

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**10. Information about what to do in the event that a poison has been swallowed can be obtained on the Poisons line 0800 POISON**

True

False











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