



FOREK
INSTITUTE OF TECHNOLOGY
artisans & skills training centre

Postal Address: PO Box 564, Sonpark, 1206
Physical Address: Factory Number 107,
Kabokweni Industrial, Kabokweni, 1245

Tel: +27 13 796 0000 • +27 60 728 6757
E-mail: info@forekinstitute.co.za
Website: www.forekinstitute.co.za
ISO CERTIFIED: ISO9001/2015

SUMMATIVE ASSESSMENT

RAW MARK:

73

PERCENTAGE:

91%

0699990670

COMPETENT	C		NUMBER OF ATTEMPTS	ATTEMPT 1	ATTEMPT 2	ATTEMPT 3
NOT YET COMPETENT	NYC					

QUALIFICATION	671101000 - ELECTRICIAN
MODULE DESCRIPTION	HEALTH, SAFETY, QUALITY AND LEGISLATION
MODULE CODE	671101000-KM-01
TOTAL MARKS	80 MARKS
ASSESSMENT DURATION	1 HR 30
DATE	30 NOVEMBER 2022
FULL NAMES OF THE LEARNER	Sanele Nelisiwe Buthelezi
ID NUMBER OF THE LEARNER	9602040524088
SIGNATURE OF THE LEARNER	
LEARNER CELL NUMBER	076 216 3511
CAMPUS MANAGER	MR T. MANYIMO
APPROVAL SIGNATURE	



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INSTRUCTIONS AND INFORMATION

1. Read all the questions carefully.
2. Answer all the questions.
3. Written neatly and legibly.
4. Use ONLY black ink or pen.
5. Do not tear any part or any page from this assessment tool.
6. Cheating will get you disqualified from the training programme.
7. Respect the invigilator and the instructions given.



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QUESTION 1

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Write four causes of fire and how to prevent them from occurring. (12)

1. Combustible on site :- flammable combustible and explosive material must be under control
2. Fault equipment :- work place must be regularly inspected and remove signs, dielectric damages.
3. Human errors :- paraffins, gas stoves and oils must not be left unattended.
4. Clutters :- working environment must be regularly inspected and be cleaned to avoid sparks of dust and grease.
- Arcs :- CCTV cameras must be install for personal in a working environment.

QUESTION 2

Explain housekeeping in your own words. (2)

Is a place of everything, and everything on its place.

QUESTION 3

Give four examples of good housekeeping practises. (4)

- Clean storage
- tools and equipment must be put back to their places.
- Remove clutters from aisles and stairways



Waste disposal must be separated

QUESTION 4

State four benefits of good housekeeping. (4)

- Improve productivity
- Easy to find something
- Great order
- Reduce fire hazards

QUESTION 5

Define an unsafe act and unsafe condition. Also give three examples of each. (10)

Unsafe act: performance of task or activity that can cause harm to a worker's health or safety caused by an individual.

Unsafe condition: Is a condition in a workplace that is likely to cause damage to property and injure a person.

Unsafe act	Examples	Unsafe condition	Examples
• Housekeeping		• Poor housekeeping	
• Improper use of a PPE		• Poor ventilation	
• Lack of training		• Poor lighting condition	



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QUESTION 6

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State three impacts of incorrectly disposing waste.

(3)

- Human Health will be at risk
- Recycling will be effected
- More fire hazards may occur

QUESTION 7

Define hazardous waste.

(2)

It's a waste that is very harmful to humans and animals, it's cause damages and not wanted around.

QUESTION 8

Write five safety signs and give two examples of each.

(15)

- Fire and fighting Information - fire extinguisher, fire hose.
- General Information - general direction, first aid equipment
- Mandatory sign - eye protection, head protection
- Prohibition sign - smoking prohibited, drinking prohibited
- Warning sign - beware of forklifts, warning of fire hazards.



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QUESTION 9

What is the purpose of PPE?

(2)

Is to prevent ~~explosive~~ hazards that may cause serious injuries or illness in a person in a working environment.

QUESTION 10

Write five examples of personal protective equipment and explain their purpose of application.

(10)

- Safety glasses : protects eyes from particles, sparks or corrosive liquids.
- Safety boots : protects feet from falling objects.
- Helmets : protects head from falling objects.
- Safety gloves : protects hands from injuries and burns.
- ear plugs : protects ears from excessive noise.

QUESTION 11

Describe five safety precautions for using a ladder in an electrical environment. (5)

- Do not put a step ladder behind unlocked doors.
- Do not use a steel ladder.
- Do not put tools on a step ladder.
- Do not put a step ladder in a place where it might fall.
- Use a correct ladder for a job.



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QUESTION 12

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State five common causes of electrical accidents.

(5)

- fatigue
- lack of knowledge
- Poor housekeeping
- taking chances
- Bypassing safety procedures

QUESTION 13

Define the following terms:

13.1. Legislation

(3)

Is an act that an employee must follow, to prevent hazards in a health of a worker and protects the healthy of a worker in a working place.

13.2. Regulation

(3)

Are rules a worker must follow in a working place, A worker is binned to follow them for safety and peace in a working environment.

TOTAL MARKS 80



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REMARKS

TOTAL



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COMPETENT	<input checked="" type="checkbox"/>	NOT YET COMPETENT	<input type="checkbox"/>
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Candidate's
Signature:

Instructor's
Signature:

Assessor's
Signature:

Moderator's
Signature: