higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

LOSS CONTROL N6

12 APRIL 2018

This marking guideline consists of 4 pages.

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QUESTION 1

Occupational✓ Health✓ and Safety✓ Act of 1993✓ **[4]**

QUESTION 2

- Assess the situation.
- Determine the level of emergency.
- Activate the emergency procedure.
- Direct the evacuation of personnel.
- Contact outside emergency aid.
- Direct shutdown procedures.
- Ensure proper lines of communication. **[7]**

QUESTION 3

- Not properly trained✓ to do the task✓
- Not properly supervised to identify skill✓ or training✓ problems
- Poorly designed✓ operating interface between man✓ and machine✓
- Ergonomic✓ problem✓ of work speed, body position and or weight✓ of materials or equipment
- Poorly✓ motivated person due to lack of training✓ or supervision✓
- Personal problems✓ impacting on the workplace✓ **[15]**

QUESTION 4

The fire-extinguishing method relies on removing✓ one or more✓ of the three elements needed for a fire to start.✓ These elements are a fuel source✓ (i.e. wood, flammable liquids or gas✓✓), an adequate supply of oxygen✓ and a source of ignition✓ (i.e. a flame, spark or hot surface✓✓). **[10]**

QUESTION 5

- Identify all losses.
- Evaluate risks.
- Develop a plan.
- Implement the plan.
- Monitor the system. **[5]**

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QUESTION 6

- Time
- Ideas
- Materials and supplies
- Machines and equipment
- Space
- People power
- Energy
- Paperwork/Paper war (Any 6 × 1) **[6]**

QUESTION 7

- Operating equipment without authority
- Failure to warn
- Failure to secure
- Operating at improper speed
- Making safety devices inoperable
- Removing safety devices
- Using defective equipment
- Using equipment improperly
- Failing to use personal protective equipment properly
- Improper loading
- Improper placement
- Improper lifting
- Improper position for task
- Servicing equipment in operation
- Horseplay
- Under influence of alcohol and/or other drugs (Any 15 × 1) **[15]**

QUESTION 8

- Educate them on damage.
- Identify the damaged item.
- Evaluate the damage.
- Control the damage. **[4]**

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QUESTION 9

- Participants should be volunteers.
- Participants should be physically able to perform all tasks related to the response team's responsibilities.
- Someone should be designated as the leader.
- Training objectives should be set annually and then achieved.
- Training should prepare team members for real situations.
- Participants should be knowledgeable about special hazards throughout the facility and where these hazardous materials are stored.
- Necessary utility equipment and personal protective equipment (PPE) should be provided and team members should be competent in the use of this equipment.
- There should be enough participants to fully staff the team at all times.
- There should be frequent drills to ensure that team members are sufficiently prepared.
- Team members should be familiar with appropriate areas of the site to enable proper response and shutdown of operations. **[10]**

QUESTION 10

All methods✓ taken to reduce✓ the frequency✓ and/or severity✓ of losses✓ including exposure,✓ avoidance, loss prevention,✓ loss reduction.✓ A multidisciplinary✓ approach involving human engineering✓ and risk management✓ practice.✓ **[12]**

QUESTION 11

- Paper inventory control
- Safe system to receive and document incoming goods
- Safe system to issue and document outgoing goods
- Proper control to see that goods are in good order, checked by person requesting the goods
- Adequate security check points
- Proper risk management training
- Following up on goods issued to establish the quality and feedback to procurement division
- Reporting on scrap and monitoring on the amount of scrap **[8]**

QUESTION 12

- Admin system
- Communication system
- Keeping of records
- Reaching all users in the company **[4]**

TOTAL: 100

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