higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

LOSS CONTROL N6

6 August 2021

This marking guideline consists of 5 pages.

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QUESTION 1



- 1 – Serious or disabling injury, includes fatal injuries✓✓✓
- 10 – Minor injuries, any reported injury less than serious✓✓
- 30 – Property damage, accidents, incidents, all types ✓✓
- 600 – Accidents or incidents, with no visible injury or damage✓✓
- △ ✓✓✓

[12]

QUESTION 2

2.1 Cordoning off with tape✓ and guards✓
2.2 Welding guards✓ and cordoning off✓
2.3 Signs✓ and hard hats✓
2.4 Cordoning off✓ and signs✓
2.5 Cordoning off with tape✓ and signs✓
2.6 Lockout✓ procedure✓

(6 × 2) **[12]**

QUESTION 3

- Assures customers of commitment to demonstrable environmental management
- Maintains good public/community relations
- Satisfies investor criteria and improving access to capital
- Gets insurance at reasonable cost
- Enhances image and market share
- Meets vendor certification criteria
- Improves cost control
- Reduces incidents resulting in liability
- Demonstrates reasonable care
- Conserves input materials and energy
- Facilitates obtaining permits and authorisations
- Bolsters development and sharing of environmental solutions
- Improves relations with industry and government (Any 10 × 1) **[10]**

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QUESTION 4

Undesired event✓ often caused by unsafe acts and/or conditions resulting in or having potential for✓ physical harm to persons and/or damage to property and/or business interruption.✓ Allowed to happen✓ because of poor control or lack of control.✓ **[5]**

QUESTION 5

- Education on damage
- Identification of damaged item
- Evaluation of damage
- Control of damage **[4]**

QUESTION 6

- Applying principle of involvement
- Keeping rules to minimum
- Keeping rules short and simple
- Keeping rules as practical as possible
- Giving reasons for rules
- Reviewing existing rules **[6]**

QUESTION 7

Personal factors✓
- Inadequate physical/physiological capability
- Inadequate mental/psychological capability
- Physical or physiological stress
- Mental or psychological stress
- Lack of knowledge
- Lack of skill
- Insufficient motivation (Any FIVE)

Job/System factors✓
- Inadequate leadership and/or supervision
- Inadequate engineering
- Inadequate purchasing
- Inadequate maintenance
- Inadequate tools and equipment
- Inadequate work standards
- Wear and tear
- Abuse or misuse (Any FIVE)

(Category + FIVE examples) (2 × 6) **[12]**

QUESTION 8

Product quality improvement✓
- Quality assurance
- New product development (Any ONE)

Workplace improvements✓
- Cost reduction
- Safety
- Productivity improvement (Any ONE)

Management✓
- Education and training
- Organisational/Systems development
- Cross-functional management
- Policy deployment
- Quality deployment (Any ONE)

Supply, production and selling chain✓
- Supply management
- Meeting production quotas
- Meeting delivery schedules
- Marketing
- Sales
- Services (Any ONE)

(Area + ONE example) (4 × 2) **[8]**

QUESTION 9

Chemical✓
- Dust/Fibres
- Fumes
- Smoke
- Gases (Any TWO)

Physical✓
- Noise
- Temperature
- Illumination
- Vibration
- Pressure
- Radiation (Any TWO)

Biological✓
- Bacteria
- Parasites

Ergonomic✓
- Repetitive motion
- Heavy lifting (Category + TWO examples) (4 × 3) **[12]**

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QUESTION 10

- Confined spaces
- Hot work
- Excavation
- Radiation cavity
- Work with energy sources
- Work at heights
- Work over water
- Major lifts (hoists)
- Work with hazardous material **[9]**

QUESTION 11

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

QUESTION 12

- Preparation
- Presentation
- Reinforcement
- Enforcement
- Leadership **[5]**

TOTAL: 100

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