

SMARTTRAIN – CHEMICAL APPLICATION

ELEMENTS OF COMPETENCE & PERFORMANCE CRITERIA



NSWTHHAZ301A/1

Describe how residues may affect production in the workplace or environment.

Performance Criteria

- 1.1 Describe the effect of residues on product
- 1.2 Describe the effect of exposure of workers to residues from applied chemicals

NSWTHHAZ301A/2

Determine procedures to supply product that meets maximum residue requirements.

Performance Criteria

- 2.1 Interpret label requirements for application
- 2.2 Access information regarding specific residue issues

NSWTHHAZ301A/3

Complete records according to enterprise requirements Performance Criteria

- 3.1 Identify the required records
- 3.2 Keep application records according to the organisations? procedures, label directions and legislation
- 3.3 Keep records that are current and accessible

RTC2701A/01

Follow workplace procedures for hazard identification and risk control

Performance criteria

- 1.1 Hazards in the workplace are recognised and reported to designated personnel according to enterprise procedures.
- 1.2 Assessment of risk associated with identified hazards is made in accordance with enterprise procedures.
- 1.3 Workplace procedures and work instructions for controlling risks are followed accurately.
- 1.4 Workplace procedures for dealing with accidents, fire and emergencies are followed whenever necessary within the scope of responsibilities and competencies.
- 1.5 Risks to fellow workers, other people and animals are recognised, and action is taken to eliminate or reduce them.
- 1.6 Employee responsibilities prescribed in OHS legislation are recognised and carried out.
- 1.7 Safety training is undertaken as directed.

RTC2701A/02

Observe safe practices during work operations

Performance criteria

- 2.1 Work for which protective clothing or equipment is required is identified and personal protection equipment is used, maintained and stored in accordance with enterprise procedures.
- 2.2 Basic safety checks on all machinery and equipment are undertaken before operation according to enterprise procedures.
- 2.3 Hazards associated with handling of hazardous substances are identified and notified, and risk assessed in accordance with enterprise procedures and OHS requirements.

2.4 Noise hazards are identified and notified, and risk assessed in accordance with enterprise procedures and OHS requirements.

2.5 Manual handling job risks are assessed prior to activity and work carried out according to currently recommended safe practice.

2.6 Information on OHS is accessed as required.

RTC2701A/03

Participate in arrangements for maintaining health and safety of all people in the workplace

Performance criteria

- 3.1 Individuals have input into on going monitoring and reporting on all aspects of workplace safety.
- 3.2 OHS issues are raised with designated personnel in accordance with enterprise procedures and relevant OHS legislation.
- 3.3 Contributions to participative arrangements in the workplace are made within organisational procedures and scope of responsibilities and competencies.
- 3.4 Contributions are provided towards the development of effective solutions to control the level of risk associated with enterprise activities.

RTC3704/1

Determine the need for chemical use

Performance Criteria:

- 1.1 Nature and level of the pest, weed infestation or disease is identified.
- 1.2 Need for action is assessed.
- 1.3 Assess the requirement for chemical use as an option within an integrated pest management strategy.
- 1.4 Hazard and risk analysis of different chemical options is undertaken.
- 1.5 Requirement for chemical application including coverage by appropriate insurance is identified and confirmed.

RTC3704/2

Prepare appropriate chemical

Performance Criteria:

- 2.1 Chemical label and Material Safety Data Sheets (MSDS) are read and understood.
- 2.2 Labels are checked to ensure chemicals meet user requirements and specifications.
- 2.3 Chemicals are prepared from those registered for the intended purpose, and to suit the organisation's chemical use strategy.
- 2.4 Legislation and regulations concerning chemical use are identified and followed.
- 2.5 Occupational Health and Safety (OHS) hazards and risks and risk control requirements associated with use of the chemical are identified.

RTC3704/3

Prepare to use chemicals according to the label and MSDS

Performance Criteria:

- 3.1 Personal protective equipment is selected and checked for use according to the product label and MSDS.
- 3.2 Requirements for pre and post-operative checks on equipment are followed.

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3.3 Damage, wear or malfunctions of any equipment is identified and reported or repaired.

3.4 Requirements for the selection, preparation and adjustment of application equipment and tools for the appropriate chemicals are followed.

3.5 Mixing rates are defined and calculated.

3.6 Directions, standards and legislative requirements for mixing chemicals are followed.

RTC3704/4

Apply chemicals

Performance Criteria:

4.1 Meteorological conditions and forecasts are assessed prior to and during application.

4.2 Hazards of particular chemicals are identified.

4.3 Risks to others and the environment are assessed and controlled.

4.4 Application equipment calibration procedures are followed.

4.5 Procedures and precautions for the use of the chemicals are interpreted from labels and accreditation requirements.

4.6 Requirements for chemical handling and application are determined from directions, standards and legislative requirements.

4.7 Chemicals are applied safely and effectively according to directions.

4.8 Chemical spills or accident procedures are followed.

4.9 First aid equipment is made available on site.

RTC3704/5

Clean up following chemical application

Performance Criteria:

5.1 Tools or equipment required to clean up chemicals are selected.

5.2 Requirements for cleaning equipment and sites are defined and followed according to directions and standards.

5.3 Requirements for disposing of unused chemicals, empty containers or spilled material are defined from directions and standards.

5.4 Procedures for reporting chemical spills are followed.

RTC3704/6

Record application details

Performance Criteria:

6.1 Application of chemicals is recorded according to organisation procedures, label directions and legislation.

6.2 Details of the specific chemical concerned are recorded correctly in the chemical inventory according to regulations.

6.3 Inventory of personal protective equipment and application equipment is recorded.

6.4 Procedures and requirements for reporting application details to senior management or client are followed.

6.5 Records of injury or poisoning associated with application of chemical are made and provided to the appropriate person.

RTC3705/1

Transport and handle chemicals and biological agents

Performance Criteria:

1.1 Transport methods according to label and Material Safety Data Sheets (MSDSs) are identified and confirmed to safely transport the chemical.

1.2 Risks involved in transport and handling are identified and minimised.

1.3 Personal protective equipment (PPE) is used to transport and handle chemicals where required.

1.4 Requirements for safe working procedures and legislation are recognised and followed during transport.

1.5 Procedures and risk control measures are in place and followed in the event of a spill or accident.

1.6 Reports of injury or poisoning associated with transport of chemicals are made to the manager.

RTC3705/2

Store chemicals in the workplace

Performance Criteria:

2.1 Storage method selected is appropriate for the chemical concerned.

2.2 OHS hazards in the storage area are identified and risks controlled.

2.3 Storage method selected is appropriate to prevent contact with people or animals, and contamination of produce or the environment.

2.4 Requirements to maintain storage area in accordance with directions and standards related to chemicals are defined.

2.5 Safe working procedures for the storage of chemicals are defined.

RTC3705/3

Record storage details

Performance Criteria:

3.1 Chemical store inventory is maintained.

3.2 Storage of chemicals is recorded in accordance with OHS and enterprise requirements.

3.3 Records of injury or poisoning associated with transport and storage of chemicals are made and provided to the manager.



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