



Australian Government

Department of Education, Employment and Workplace Relations

MTMP3119A Manage NLIS data from RFIDs on the slaughter floor

Release: 1

MTMP3119A Manage NLIS data from RFIDs on the slaughter floor

Modification History

Release	TP Version	Comments
1	MTM11v3	Initial release.

Unit Descriptor

This Unit covers the skills and knowledge required to capture National Livestock Identification System (NLIS) data from Radio Frequency Identification Devices (RFIDs), record data and align NLIS details with carcase number.

Application of the Unit

This Unit is used to train slaughter floor operators who undertake the collection of NLIS data on the slaughter floor from RFIDs.

Licensing/Regulatory Information

No licensing, legislative, regulatory or certification requirements apply to this Unit.

Pre-Requisites

MTMP3109A	Overview of the NLIS program utilising RFIDs
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Employability Skills Information

Not applicable.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Start up readers and computer terminal	1.1 Follow workplace requirements to start up RFID readers and terminals including procedures for boot-up, ensuring main frame connection and log-in. 1.2 Trouble shoot any problems with start up. 1.3 Obtain kill sheet. 1.4 Ensure consumables are available (e.g. carcass tickets).
2. Manage and monitor RFID reading process	2.1 Ensure RFIDs are being read. 2.2 Check mobs against the kill sheet to ensure stock is in order, the right numbers, and in the right consignment sequence. 2.3 Interpret screens and messages. 2.4 Diarise and resolve any issues rapidly. 2.5 Immediately implement back-up system if main system appears to be failing or has failed. 2.6 Liaise with kill floor supervisor and make corrections for mobs that are out of sequence. 2.7 Maintain communication with on-floor staff.
3. Take corrective actions when NLIS data is not read	3.1 Respond to non-readers by implementing workplace procedures to manually capture NLIS data. 3.2 Implement workplace procedures for missing RFIDs. 3.3 Manage multiple NLIS devices by implementing workplace procedures. 3.4 Deal with rumen boluses that do not read by implementing workplace procedures.
4. Respond to a carcass with an <i>Extended Residue Program (ERP) status</i>	4.1 Follow workplace procedures for dealing with a carcass with an ERP status alert. 4.2 Report the status to slaughter floor supervisor. 4.3 Implement company's procedures for monitoring and managing stock with a status.
5. Follow break and end of shift procedures	5.1 Follow procedures for break and end of shift shut down.
6. Validate shift slaughter details	6.1 Liaise with the livestock clerk to validate the slaughter floor data. 6.2 Note and explain any differences between the kill sheet and slaughter operations. 6.3 Diarise problems and resolve discrepancies of the shift such as missed bodies and animals out of order.
7. Implement workplace procedures to deal with a software or hardware failure	7.1 Trouble shoot the problem. 7.2 Implement corrective actions e.g. use wand reader if panel reader fails.

Required Skills and Knowledge

This section describes the skills and knowledge required for this Unit.

Required skills include:

Ability to:

- operate RFID readers and recorders
- check connection with terminal and server Monitor RFID reader
- read and interpret a kill sheet
- communicate clearly with supervisors, livestock clerks and slaughter floor operators
- generate reports
- perform simple trouble shooting on software and hardware
- take action to improve work performance as a result of self-evaluation, feedback from others, or in response to changed work practices or technology
- take appropriate steps to minimise **workplace health and safety risks**
- work effectively as an individual and as part of a team.

Required knowledge includes:

Knowledge of:

- the NLIS system, including the origin and nature of the system, its commercial importance, role in food safety and importing country requirements, role in traceability
- NLIS regulatory requirements in relation to abattoirs
- purpose, nature of and regulations underpinning the use of PICs
- NLIS devices including Radio Frequency Identification Devices (RFIDs) and boluses, and their purpose and function in the cattle NLIS
- status, abbreviations and what they mean, and the required actions to be taken in response
- when and how tail tags are used
- start up procedures
- recognising and interpreting NLIS screens
- ERP status and responses
- corrective actions for non-readers, missing tags, out of order stock, multiple devices, boluses
- relevant work instructions and Standard Operating Procedures (SOPs)
- shut down procedures
- tailtag procedures.

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment	The meat industry has specific and clear requirements for evidence. A minimum of three forms of evidence is required to demonstrate competency in the meat industry. This is specifically designed to provide evidence that covers the demonstration in the workplace of all aspects of competency over time. These requirements are in addition to the requirements for valid, current, authentic and sufficient evidence. Three forms of evidence means three different kinds of evidence – not three pieces of the same kind. In practice it will mean that most of the Unit is covered twice. This increases the legitimacy of the evidence. All assessment must be conducted against Australian meat industry standards and regulations.
Critical aspects for assessment and evidence required to demonstrate competency in this Unit	Assessment must confirm the ability to: • start up readers and computer terminal • manage and monitor RFID reading process • take corrective actions when NLIS data is not read • respond to a carcass with an ERP status • follow break and end of shift procedures • validate shift slaughter details • implement work place procedures to deal with a software or hardware failure. Assessment must confirm knowledge of: • the NLIS system, including the origin and nature of the system, its commercial importance, role in food safety and importing country requirements, role in traceability • NLIS regulatory requirements in relation to abattoirs • purpose, nature of and regulations underpinning the use of PICs • NLIS devices including RFIDs and boluses, and their purpose and function in the cattle NLIS • status, abbreviations and what they mean, and the required actions to be taken in response • when and how tail tags are used in place of RFIDs • start up procedures

	• recognising and interpreting NLIS screens • ERP status and responses • corrective actions for non-readers, missing tags, out of order stock, multiple devices, boluses • relevant work instructions and Standard Operating Procedures (SOPs) • shut down procedures • tailtag procedures.
Context of and specific resources for assessment	Assessment must be conducted in the workplace. Resources may include: • enterprise work instructions • Meat and Livestock Australia (MLA) NLIS assistance and publications • manufacturer's instructions.
Method of assessment	The following assessment methods are suggested: • workplace referee's report • knowledge test • on-the-job demonstration with assessor observation. Assessment practices should take into account any relevant language or cultural issues related to Aboriginality or Torres Strait Islander, gender, or language backgrounds other than English. Language and literacy demands of the assessment task should not be higher than those of the work role.
Guidance information for assessment	A current list of resources for this Unit of Competency is available from MINTRAC www.mintrac.com.au or telephone 1800 817 462.

Range Statement

The range statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Extended Residue Program (ERP) status includes:

- the ERP program and status codes available in the report section of the processor database of the NLIS.

Workplace health and safety risks when working with livestock may include:

- zoonotic diseases such as Q-Fever
- manual handling risks
- risks associated with the use of electrical equipment.

Unit Sector(s)

Not applicable.

Custom Content Section

Not applicable.