Modification history

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| Release | Comments |
| Release 1 | This version released with RGR Racing Training Package Version 1.0. |

| RGRPSH409 | Determine nutritional requirements for racing horses |
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| Application | This unit of competency describes the skills and knowledge required to determine nutritional requirements for racing horses.  The unit applies to individuals who have experience and specialised knowledge and skills in the practical care and management of standardbred or thoroughbred racehorses; and have responsibility for a work activity or area.  Licensing, legislative, regulatory or certification requirements apply to this unit. Users are advised to check with the relevant Principal Racing Authority for current requirements.  Work health and safety and animal welfare legislation relevant to interacting with horses applies to workers in this industry. Requirements vary between industry sectors and state/territory jurisdictions. Users are advised to check with the relevant authority for specific requirements. |
| Prerequisite Unit | Nil |
| Unit Sector | Performance Horse (PSH) |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare rations for racing horses | 1.1 Apply nutritional principles to the formulation of individual rations  1.2 Confirm rations are appropriate to horse condition, workload and stage of training  1.3 Formulate basic rations for individual horses |
| 2. Assess range of feed, additives and supplements for horses | 2.1 Select feed on the basis of quality, type and nutritional energy and economic value for a particular animal  2.2 Assess supplements and feed additives on the basis of active ingredients and nutritional needs for specific horses  2.3 Check selected supplements and feed additives for industry regulation, rules of racing and animal welfare compliance |
| 3. Monitor stable feeding practices | 3.1 Monitor changes in horse condition and/or behaviour related to feed and supplements  3.2 Adjust feed requirements to maintian optimal health and desired outcomes  3.3 Maintain and monitor stable feed records and prepare feed order |

| Foundation Skills  This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria. | |
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| Skill | Description |
| Reading | * Interpret nutritional information about feed, supplements and additives from a range of sources * Locate and interpret key information in feed orders and supplies |
| Numeracy | * Interpret weights and measurements accurately on scales and measuring equipment * Calculate weight, volume and ratios relating to feed, additives and supplements for a range of horses * Calculate quantities of feed required for stock order |
| Navigate the world of work | * Follow workplace procedures, including safety and animal welfare requirements, and meet expectations relating to own role and area of responsibility |
| Get the work done | * Plan and coordinate feed activities and resources to optimise health and nutrition of horses in work area and care * Make decisions and resolve problems related to horse nutritional needs and rations |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| RGRPSH409 Determine nutritional requirements for racing horses | RGRPSH409A Determine nutritional requirements for racing horses | Updated to meet Standards for Training Packages  Additonal performance criteria to clarify intent | Equivalent unit |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=5c4b8489-f7e1-463b-81c8-6ecce6c192a0 |

| TITLE | Assessment requirements for RGRPSH409 Determine nutritional requirements for racing horses |
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| Performance Evidence | |
| An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. There must be evidence that the individual has undertaken the following for at least three standardbred or thoroughbred horses with different requirements:   * identified individual horse nutritional requirements * formulated and prepared rations using different feed components and feed supplements * maintained and monitored table feed records and prepared feed order. | |

| Knowledge Evidence |
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| An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:   * principles of racehorse nutrition, including: * industry terminology related to feeding, handling and caring for horses * key features horse digestive system * nutritional principles relevant to horse age, workload and needs while spelling, training and racing * common horse behaviour related to feeding regimes * types and purpose of feed and feed supplements and additives, including: * determining quality, type, nutritional, and energy value of various feeds * interaction between feed and supplements that may result in contravention of industry regulations, rules of racing and animal welfare standards * sources and importance of energy, protein, fibre, minerals, trace elements and vitamins in a feed ration * methods for weighing feeds * racing industry standards and expectations relevant to nutritional requirements for racing horses: * communication procedures within stable and wider racing industry * racing industry animal welfare requirements * racing industry safety requirements including safe operating procedures, manual handling and risk assessments * relevant rules of racing relating to feed, supplements and prohibited substances |

| Assessment Conditions |
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| Assessment of skills must take place under the following conditions:   * physical conditions: * safe handling areas and racing stables * resources, equipment and materials: * various standardbred or thoroughbred racehorses with different nutritional needs * personal protective equipment correctly fitted and appropriate for activities * feed and supplements relevant to horse feeding program * equipment required for feeding including weighing scales and/or measuring equipment * specifications: * work instructions and related documentation.   Training and assessment strategies must show evidence of the use of guidance provided in the Companion Volume: User Guide: Safety in Equine Training.  Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. |

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