Demonstrate knowledge of the design, construction and maintenance of a harness racing track

Level 3
Credits 4

Purpose People credited with this unit standard are able to demonstrate knowledge of the geometry, design and the construction of a harness race track; and the maintenance requirements of a harness race track.

Subfield Equine
Domain Racetrack Maintenance
Status Registered
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Entry information Open.

Accreditation Evaluation of documentation and visit by NZQA and industry.

Standard setting body (SSB) Primary Industry Training Organisation

Accreditation and Moderation Action Plan (AMAP) reference 0018
This AMAP can be accessed at http://www.nzqa.govt.nz/framework/search/index.do.

Special notes

1 Legislation and rules relevant to this unit standard include but are not limited to the Health and Safety in Employment Act 1992, the Racing Act 2003, and the Rules of Racing and their subsequent amendments.

2 Race club procedures are the documented practices and polices required within a particular workplace, and do not contravene the Code of Recommendations and Minimum Standards for Welfare of Horses (Wellington: Ministry of Agriculture and Forestry, 1993); available at http://www.biosecurity.govt.nz/animal-welfare/codes/horses/index.htm.

3 For this unit standard the practical assessment evidence must be provided in the context of a commercial business operation under normal working conditions.
Elements and performance criteria

Element 1

Demonstrate knowledge of the geometry and design of a harness race track.

Performance criteria

1.1 Track geometry is described in terms of design and layout.

   Range includes but is not limited to – size, length, radii, functionality, drainage, track entrances for horses and machinery.

1.2 Track design is described in terms of reducing stress on horses and producing optimal race performance.

   Range includes but is not limited to – cambour, banked bends, transitional bends, passing lanes, running rails, negating solid bias.

Element 2

Demonstrate knowledge of the construction of a harness race track.

Performance criteria

2.1 Earthworks are described in accordance with race club procedures.

   Range shaping the track may include but is not limited to – area size, area shape, required racetrack distance; required material may include but is not limited to – sourcing, availability, type, cost, clay, limestone; required machinery may include but is not limited to – type, grader, scoop, roller, availability, cost; contractor responsibilities may include but is not limited to – obtaining quotes, allocation of responsibilities.

2.2 Compaction of the initial topping is described in accordance with race club procedures.

   Range material used, depth, spread, process and machinery required.

2.3 Placement of racing chip is described in accordance with race club procedures.

   Range selecting material, quantity and depth, cartage, process and equipment required to obtain even spread.
2.4 Procedure and placement of inside markers are described in accordance with race club procedures.

Range includes but is not limited to – surveying track, process for future proofing track markers, selecting and obtaining markers, placement procedure, equipment required.

Element 3

Demonstrate knowledge of the maintenance requirements of a harness race track.

Performance criteria

3.1 Equipment and machinery required to maintain a harness race track are described in terms of efficiency and safety.

3.2 Maintenance of racing surface is described in terms of providing a fair, consistent and safe racing surface.

Range includes but is not limited to – even depth, application process, liaising with contractor, weather conditions.

Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.