HORSE STABLE SAFETY

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The information presented in the *Horse Stables and Track Riding Safety* guide is intended for general use only. It should not be viewed as a definitive guide to the law, and should be read in conjunction with the Health and Safety at Work Act 2015.

Whilst every effort has been made to ensure the accuracy and completeness of the publication, the advice contained herein may not apply in every circumstance. Accordingly, NZTR and HRNZ cannot be held responsible, and extends no warranties as to:

• the suitability of the information for any particular purpose;

INTRODUCTION

Horse Stables and Track Riding Safety is provided in to assist employers and employees to comply with their duties and obligations under the Health and Safety at Work Act and associated Regulations.

It is expected that stable and training facility management, employees (staff), Health and Safety Representatives (HSR) and contractors use this guide to form an opinion about suitable health, safety and welfare risk controls under the test of 'reasonably practicable'.

CONSULTING EMPLOYEES AND HEALTH AND SAFETY REPRESENTATIVES

The horse racing industry is unique in that it possesses a variation of hazards not generally present in any other workplace. The unpredictable nature of a large animal which at times may overreact or become easily spooked, poses a challenge for the whole industry, as it presents both handling issues for horse and person in confined spaces.

The horse racing industry shares many hazards in common in other workplaces, e.g. chemicals, manual handling and use of plant. The risks associated with these hazards are somewhat predictable, which allows for the development of adequate controls.

Consultation between employees, contractors and employers (e.g. trainers) is crucial in identifying, assessing, reducing and eliminating hazards in the workplace. Adopting consultative processes results in the establishment of effective risk control measures, thus providing a safer workplace for all people.

Principles of consultation

Parties should agree to effective consultation mechanisms keeping in mind the following principles:

- Information sharing
- · Employees, contractors and staff are encouraged to express their point of view
- Employees, contractors and staff should not be victimised or disadvantaged for expressing a view
- All people to be given an opportunity to express a view prior to decisions being made
- Consideration is given to views expressed by employees, contractors and staff prior to decision making
- · Where practicable, personnel affected by change to be consulted
- Consultation may not necessarily lead to agreed outcomes, but this should be the ultimate goal.

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HOW TO USE THIS GUIDE

This guide provides information that can be used to decide the most effective solutions for providing safe stables and training facilities.

The tasks described in the following pages are presented in two columns.

Work practices undertaken in the stable environment or at a training facility which are deemed to be unacceptable under health and safety legislation appear in the red column. To avoid exposing employees and contractors to risk of injury or illness, the practices described in these columns must not be allowed to occur.

Common risk control solutions to prevent exposing employees or contactors to unacceptable work practices appear in the green column. These solutions are regarded as *'reasonably practicable'* for most stables and training facilities where track work is undertaken and therefore would be expected to be implemented when required. That said, the risk controls listed in the green column are not exhaustive and where alternative risk controls are identified, these should be implemented.

The ACT outlines what you **must** consider when determining if something is *'reasonably practicable'*. Specifically, the factors to be taken into account are:

- · the likelihood of the hazard or risk eventuating
- · the degree of harm that would result if the hazard or risk eventuated
- what you know, or ought reasonably to know, about the hazard or risk and any ways of eliminating or reducing the hazard or risk
- · the availability and suitability of ways to eliminate or reduce the hazard or risk
- the cost of eliminating or reducing the hazard or risk, if the cost is grossly disproportionate to the hazard or risk.

It is important all factors listed above have to be taken into account when deciding if something is *'reasonably practicable'*. No single factor is more important than another – they all contribute equally.

UNACCEPTABLE WORK PRACTISE Work practices in the red column should not be used in a stable environment or at a training facility (e.g. race track). Stable or training facility managers who allow these work practices to be used are likely to be in breach of OHS legislation. RISK CONTROL SOLUTIONS The solutions in the green column are the most effective at reducing risk and should be the target for all stables and training facilities.

STABLE SAFETY

- 1. STABLE STAFF AND CONTRACTORS
- 2. HAZARDOUS MANUAL HANDLING IN THE STABLE ENVIRONMENT
- 3. USING PLANT IN THE STABLE ENVIRONMENT
- 4. GENERAL STABLE HEALTH AND SAFETY

STABLE SAFETY

1. STABLE STAFF AND CONTRACTORS

Stable staff (full time, part time, casual or family members) and contractors (veterinarians, trades people, suppliers, etc.) must be provided with the highest level of occupational health and safety protection.

This section describes the basic health and safety requirements which should be taken into account when employing staff and/or contractors, such as stable hands or track riders, in a stable environment.

UNACCEPTABLE WORK PRACTICE

RISK CONTROL SOLUTIONS

Personal Protective Equipment

- No appropriate Personal Protective Equipment (PPE) provided and/or used where required when:
 - · riding horses
 - · training horses
 - · feeding and working with horses
 - · cleaning stables
 - · using items of plant, or
 - · handling hazardous or dangerous chemicals.
- No training provided in the correct selection, use and care of PPE.

- Employers *must* ensure staff are equipped with and use *all* necessary PPE.
- Training is provided in the correct selection, inspection for wear or damage, use and care of PPE such as:
 - hand protection
- noise protection
- · respiratory protection
- · helmets, body protectors and other riding gear
- · weather protection, and
- feet protection (e.g. leather work boots or shoes that comply with the *Standards for protective footwear*).

Facilities and amenities

- No suitable toilets or meal areas provided.
- Facilities such as:
- tack room
- first aid room
- · toilets
- meal areas, and
- showers

are not maintained in a clean and serviceable condition.

- Adequate toilets and meal areas provided.
- Facilities and amenities are functional, clean and well maintained.



A basic tea room which is clean, well maintained and functional for the number of staff employed



Tack room is clean and well organised. Riding gear is appropriately stored and maintained.

RISK CONTROL SOLUTIONS

Stable inductions

- No formal induction is provided to new staff or contractors.
- Staff capabilities are not assessed and recorded. Stable hands are not registered with the code body and trainees are not constantly supervised.
- New staff and contractor inductions are formally undertaken.
- Staff capabilities are assessed by the employer and a training plan is developed and agreed to by both parties. Stable hands are registered and trainees are under constant supervision. To avoid doubt, constant supervision means maintaining *control* over the tasks undertaken by trainees.
- Stable hands have had appropriate approved training such as:
 - Limited Credit Programme (LCP)
 - Level 3 Stablehand Qualification

Workplace bullying and violence

- Employees or contractors are subjected or exposed to repeated, unreasonable behaviour that creates a risk to their health and safety. Unreasonable behaviour is regarded as behaviour that a reasonable person, having regard to all the circumstances, would expect to victimise, humiliate, undermine or threaten a staff member or contractor.
- Staff or contractors are subjected or exposed to behaviour that involves physical attacks or are threatened with physical attack in the workplace.
- Employers eliminate or reduce the likelihood of bullying or violent behaviour occurring, by ensuring that they:
 - promote bullying and violence awareness
 - develop a bullying and violence policy
 - · inform, instruct and train in line with the policy
 - · identify bullying and violence risk factors
 - · prevent and control acts of bullying or violence, and
 - · encourage reporting of bullying or violent behaviour.

For further information regarding workplace bullying and violence, refer to WorkSafe's publication *Prevention of Bullying and Violence at Work*.

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RISK CONTROL SOLUTIONS

Drugs and alcohol in the workplace

- Employers allow, promote or fail to act on information concerning the use of alcohol and/or drugs (illicit) in the workplace, where it creates a risk or potential risk to the health, safety or welfare of staff, contractors or the general public.
- A policy concerning the use of alcohol in the workplace has been developed. This policy should include information concerning alcohol:
 - prevention
 - · education
 - counselling
 - rehabilitation, and
 - use on employer approval, where and when alcohol consumption may be used in the workplace (e.g. after hours, parties, celebrations, etc.)

The overall objective of an alcohol policy is to ensure exposure to *alcohol related* occupational health and safety risk is eliminated.

For further information regarding alcohol in the workplace, refer to WorkSafe's publication *Alcohol In The Workplace – Guidelines For Developing A Workplace Alcohol Policy*

Illicit drug use is *strictly* prohibited. This is clearly communicated and documented in workplace inductions.

Employees or contractors suspected or found to be using and / or under the influence of alcohol or illicit substances in the workplace should:

- be provided with *appropriate* counselling in the first instance, and
- enact the workplace disciplinary policy, where reasonable repeated attempts to council the individual concerned have failed.

Fatigue

- Stable hands, track riders and other staff are subjected to *frequent*
 - · long working days
 - · very early starts
 - · inadequate meal or rest breaks, or
 - overly demanding working environments (e.g. where work demands are considered significantly greater then would be normally expected)

resulting in exposure to fatigue related risks to employee health and safety.

- Stable employers ensure staff are not exposed to *frequent*
 - · long working days
 - · very early starts
 - · inadequate meal or rest breaks, or
- · overly demanding working environments

by eliminating in the first instance the *frequent* occurrence of such events.

To avoid or reduce exposing employees to workplace related fatigue, employers should provide employees with:

- realistic task requests and adequate resources to complete tasks safely. This is best achieved through consulting with employees before assigning work
- adequate meal and rest breaks while on shift
- adequate time between shifts that enable the opportunity for at least 7-8 hours sleep, and
- sufficient time off shift to recover after a period of continuous working days.

Only sufficient, quality sleep cures fatigue!

RISK CONTROL SOLUTIONS

Injury registers

- Stable injury and/or incidents are not recorded and investigated by stable management. This includes 'near miss' incidents.
- All stable injury and incidents are recorded manually in an injury register booklet or electronically.
- Stable hands, track riders, and other staff and contractors participate in investigations (as required) to prevent *reoccurrence* and are advised of investigation outcomes by stable management.

Notification of incidents to WorkSafe

- Incidents which must be reported to WorkSafe immediately by law are not reported by stable management. This would include:
 - · the loss of life
 - · serious injuries such as fractures, spinal and neck injuries
 - serious lacerations (e.g. requiring inpatient treatment at a hospital), and
 - · loss of bodily function (unconscious).

The partial or total collapse of a building and/or fire must also be reported, irrespective of the extent of damage.

- For further *detailed information* regarding notification of incidents by law to WorkSafe refer to WorkSafe's web site.

STABLE SAFETY

2. HAZARDOUS MANUAL HANDLING IN THE STABLE ENVIRONMENT

Tasks such as storing, preparing and feeding horses, cleaning, working with horses, handling horse gear such as saddles, and general maintenance activities typically occur in a stable environment.

These tasks can cause musculoskeletal disorders (MSD), such as injuries, illnesses or diseases that arise in whole or in part from hazardous manual handling tasks in the stable, whether occurring suddenly or over a long period of time.

MSD's include:

- · muscle sprains and strains
- injuries to muscles, ligaments, spinal discs and other parts of the back
- injuries to soft tissues, e.g. nerves, ligaments and tendons in the wrists, arms, shoulders, neck or legs, and
- abdominal hernias.

It is important to note that not all manual handling in the stable environment will be hazardous.

This section describes common solutions which can be used in and around the stable to eliminate or reduce the chances of developing MSD's from exposure to hazardous manual handling.

UNACCEPTABLE WORK PRACTICE

Employers have not identified in consultation, tasks that could expose employees or contractors to hazardous manual handling.

- Staff and/or contactors undertake tasks which involve exposure to any of the following hazardous manual handling characteristics:
 - Handling horses in such a manner that exposes the handler to hazardous manual handling
 - repetitive or sustained application of force, awkward postures or sustained movements
 - application of high force
 - · sustained vibration, and
 - unstable or unbalanced loads or loads that are difficult to grasp or hold.
- Staff or contractors *exposed* to hazardous manual handling from handling bags of feed. This may be due to:
 - physically handling feed bags up to 40kg or more
 - · the position of the bag, e.g. flat on the floor
 - movements required to handle the bag, e.g. forward bending and reaching because the bag is behind different bags, or
 - the duration and frequency of the task, e.g. the amount of bags handled by the one employee over the shift.

RISK CONTROL SOLUTIONS

- Employers have *identified*, with consultation, all tasks which could expose employees or contractors to hazardous manual handling.
- Employers, when *determining* any measure to control risk of MSD's, addressed the following factors:
- postures
- movements
- · forces
- · duration and frequency of task, and
- environmental conditions (e.g. heat, cold, vibration).
- Employers, after consultation, implement and periodically review controls to eliminate or reduce the risk of employees or contractors developing MSD's by:
- a. altering the workplace environment, design, layout or systems of work to do the task (e.g. improving lighting, housekeeping, rescheduling physically demanding tasks during temperature extremes).



Workplace design – Silos are commonly used to store high volume feed stock instead of handling large numbers of bags.

Physically handling heavy bags of feed up to 40kg.

RISK CONTROL SOLUTIONS



Silo is connected directly to the feed preparation area.



Feed is drawn on from the hopper bins as required eliminating the need to manually handle large, bulky and awkward bags.

- b. Change the systems of work used, such as job design (e.g. work positions), team handling (e.g. using two or more persons in lifting tasks), pace and flow of work (e.g. realistic work rates), job rotation or durations of work.
- c. Modify the load being handled and / or changing objects used in the task (e.g. changing the wheels on a trolley to better travel over rough terrain).



This feed trolley has wheels which allow the trolley to be used over rough terrain in and around the stable.

RISK CONTROL SOLUTIONS

use mechanical aids.





Purpose built trolleys for use around the stable significantly reduces the need to physically manage heavy, bulky or awkward loads.



Purpose built trolleys for use around the stable significantly reduces the need to physically manage heavy, bulky or awkward loads.

e. Any combination of (a) to (d).

3. USING PLANT IN THE STABLE ENVIRONMENT

The use of *plant*, such as oat crushers, augers, mixers, horse walkers and horse transport is commonly present in the stable environment. The extent of exposure to hazards associated with using such plant in the stable environment will depend on:

- · the level of routine inspections and preventative maintenance
- how effectively moving parts or areas where staff are potentially exposed to hazards have been appropriately guarded or isolated
- the training and instruction provided on the safe use of plant, and
- prior consultation with staff regarding the purchase and installation of plant for use in stables.

This section highlights the types of common risk associated with plant used in stables and the types of controls which can be easily implemented.

UNACCEPTABLE WORK PRACTICE

RISK CONTROL SOLUTIONS

Oat crushers, augers, mixers, treadmill, chaff cutters and horse walkers

- Oat crushers, mixers, augers, treadmill, chaff cutters and horse walkers are *not* regularly maintained to ensure their safe operation.
- Training and instruction on the safe use of oat crushers, mixers, augers, treadmill, chaff cutters and horse walkers has not been provided to staff required to use such plant.
- Oat crushers, mixers, augers, treadmill, chaff cutters and horse walkers have one or more of the following exposed hazards:
 - 'draw in' points such as V belts and pulleys or rotating drive shafts
 - shear or crushing points such as rotating blades or crushing blocks
 - entanglement areas such as spiral augers, mixer shafts or electric motor drive belts or shafts, or
 - other points of electrical, pneumatic (pressurised) or mechanical exposure that could result in harm or death.

- Oat crushers, mixers, augers, treadmill, chaff cutters and horse walkers are regularly maintained to ensure:
 - safe operation
 - · plant is clean, and
- safety controls, such as fix or 'interlocked' guards, are in place and operational.

'Interlocks' are generally electrical devices (commonly switches) connected to plant operational systems that prevent or stop the plant from operating until the guard associated with the 'interlock' is in the closed position. Interlocked guards are typically used on plant where routine access is required (e.g. the lid of most domestic washing machines).

- Documented instruction and training has been provided to staff required to operate oat crushers, mixers, augers and horse walkers.
- Risk associated with oat crushers, mixers, augers, treadmill, chaff cutters and horse walkers have been identified, in consultation with staff and most importantly controlled.
- Emergency stop buttons are appropriately fitted.



operating. The picture above shows a feed mixer which can be accessed whilst operating but does not have an interlock fitted to the mixer cover (see arrow). Interlock guarding must be used to ensure mixing blades instantly stop when routine access to a feed mixer is required.

RISK CONTROL SOLUTIONS

Oat crushers, augers, mixers, treadmill, chaff cuttersand horse walkers (continued)



Hazards associated with the use of oat crushers and augers must be controlled.



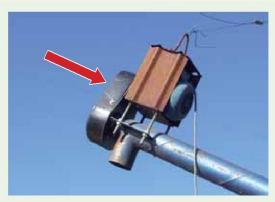
Exposed drive belts and pulleys must be guarded. As regular access is not required to this part of the machine, fixed guards should be used. Guards must be designed so that access by any body part can not be made with the hazard.



Spiral rotating augers must be physically guarded. Guards should be either fixed in place or 'interlocked' if routine access is required.

RISK CONTROL SOLUTIONS

Oat crushers, augers, mixers, treadmill, chaff cutters and horse walkers (continued)



Electric motor drive shafts and belts must be guarded.



Horse walker controls are located in close proximity to gate and fitted with an emergency stop button.



Horse walker drive motors, shafts or belts must be guarded.

RISK CONTROL SOLUTIONS

Horse transport

- Horse transport *not* registered un-roadworthy.
- Horse transport *not* regularly maintained to ensure safe operation.
- Horse transport ramps are:
 - · steeply pitched
 - poorly designed or maintained (e.g. hydraulic or mechanical lifting systems), and
 - not provided, exposing staff to hazardous manual handling and/or slip, trips and falls whilst loading and unloading horses.
- Training and instruction on the safe use of horse transport *has not* been provided to staff required to load and unload horses.
- Loading and unloading of horse transport requires unsafe access to the vehicle, exposing staff to entrapment and crushing risks by the horse. This is particularly the case where a horse is spooked, sick or in a distressed state.

- Horse transport registered.
- Horse transport regularly maintained to ensure safe operation.



Horse transport trailer couplings, powered brakes (hydraulic or mechanical), safety chains, electrical couplings etc. should be regularly inspected and maintained.



Wheel bearings, suspension and tyres, including the spare should be in good condition and regularly inspected for wear.

- Ramps are designed to provide ease of access in and out of the transport vehicle, without the need to use hazardous manual handling and with no trip or slip hazards.
- Heavy ramps (e.g. those requiring a hydraulic or mechanical raising and lowering device) must have 'fail to safe' design features to ensure that in the event of hydraulic or mechanical failure, ramps do not fall in an uncontrolled manner.

RISK CONTROL SOLUTIONS

Horse transport (continued)



Ramps are designed to allow safe access and egress without exposing staff to slip, trips and falls risks. This ramp is set low to the ground with no side obstructions to create tripping hazards. Where large, heavy and/or awkward ramps are provided, suitable mechanical or hydraulic lowering and raising mechanisms should be provided (including 'fail to safe' design features).

- Training and instruction on the safe use of horse transport is provided to all staff required to use them.
- Horse transport is designed to allow safe access/egress while loading or unloading horses.



This vehicle is designed to allow for improved safe loading, unloading and maintenance of horses without being exposed to significant entrapment or crushing hazards by the horse. Safe access to the entire length of a horse can be made with this design.

RISK CONTROL SOLUTIONS

Horse transport (continued)



A front side access door on the vehicle provides safe access to the front of the vehicle without the risk of entrapment or crushing by the horse.

4. GENERAL STABLE HEALTH AND SAFETY

A variety of other important OHS considerations should be taken into account as part of the broader risk control plan for a stable environment. Left unchecked, the items covered in this section could contribute or ultimately be responsible for workplace injury, illness or death.

UNACCEPTABLE WORK PRACTICE

RISK CONTROL SOLUTIONS

Design, layout and housekeeping

- Stables are poorly designed and/or laid out exposing staff and contractors to risk of injury and/or illness. Examples includes;
 - rough and irregular flooring which is difficult to clean or move around on (e.g. pot holed and grossly uneven)
 - stables access/egress exposes staff and contractors to horse traffic management risk
 - · stable working temperatures either very hot or cold
 - insufficient facilities available to safely accommodate the maximum number of horses typically housed, and
- quality lighting suitable for stable tasks/activities is not provided.
- Stables are not appropriately maintained and a lack of regular housekeeping exposes staff and contractors to risk of injury, illness or disease. Examples include;
- general stable hygiene is grossly inadequate (e.g. boxes housing horses are not cleaned and refreshed daily)
- equipment, gear and general rubbish left lying around exposing staff and contractors to slip, trip and fall hazards; and
- regular maintenance to repair damage to stable areas not routinely undertaken (e.g. damaged lining boards or rails in boxes/yard areas).

- Stables have been designed and laid out to safely accommodate the maximum number of horses housed. Those who design buildings (stables) or structures (e.g. silos) must ensure they are designed to appropriate specifications and are safe for the intended purpose.
- Suitable, quality lighting (natural or otherwise) is available for completing tasks.
- House keeping, stable hygiene and general maintenance is regularly undertaken to ensure a safe working environment for employees and contractors.





Stable areas are clean, hygienic, well lit and designed to provide a safe working environment for employees and contractors.

RISK CONTROL SOLUTIONS

Design, layout and housekeeping (continued)



Stable boxes are hygienic, regularly cleaned and any damage promptly repaired.



Stable yards are well laid out, tidy and maintained regularly to avoid risk of injuries due to slips, trips and falls.

Electrical safety

- Electrical safety across the stable environment is grossly inadequate, exposing staff and contractors to the risk of electrocution or electrical fires. For example:
 - damaged electrical leads in use
 - inadequate number and location of power outlets resulting in overloading of existing power points
- · lengthy leads used in preference to fixed wiring
- broken light fittings
- · no testing and tagging of portable leads, and
- exposed electrical circuits or wiring.

- Electrical safety is adequately addressed across the stable environment. For example;
 - Residual Current Device (safety switches) are hard wired into all electrical switch boards and tested very 6 months

RISK CONTROL SOLUTIONS

Electrical safety (continued)



Portable power leads permanently used instead of fixed wiring.





Residual Current Device (safety switches) hard wired into all electrical switch boards.

- portable power leads are only used for short term work and are tested every 6 months for damage by a qualified electrician and tagged.
- all permanent electrical circuits and wiring conform To NZ standards (consult a qualified 'A' grade electrician) and,
- an appropriate number of power outlets are well located and provided.
 - All switches on switchboards are well labelled to ensure all users are aware of what individual switches control the different areas of the property.

Damaged power leads which have not been inspected and tagged are used.

Stable security

- No stable perimeter fencing or partial/inadequate fencing provided only. Likely risk of horses escaping onto adjoining properties or public roads.
- Access/egress points to and within the stable and associated property not adequately controlled with appropriate gates.
- Open waterin close proximity to the stable environment are not appropriately fenced and secured.

- The entire stable environment is adequately fenced, eliminating the risk of horses escaping onto adjoining properties.

Stable perimeter and internal fencing suitable for containing horses.

RISK CONTROL SOLUTIONS

Stable security (continued)



Stable perimeter and internal fencing suitable for containing horses.

 Access/egress points to and within the stable and associated areas are adequately controlled with suitable gates.



Gates on all access/egress points suitable for containing horses.

- Open water pools within close proximity to the stable have suitable perimeter fencing and gates.



RISK CONTROL SOLUTIONS

Handling horses

- Leading a horse with a headstall and bit that is *not* attached to a lead.
- Riding a horse bare back.
- Open foot wear worn when working with or around horses.
- Leading more than one horse at any time on foot.
- While being led, every horse must have a bit in its mouth, with the bit attached to a lead.
- While being ridden, every horse must be properly bridled and saddled.
- All those working with or around horses should wear fully enclosed, durable footwear such as leather work boots.
- A horse should be lead from the near (left) side.
- Ensure a safe distance is maintained from other horses while riding (track work) or when leading a horse.
- Leading no more than one horse at any time on foot.

Note: Leading a horse across public roads or spaces on foot or while riding another horse should be avoided. Such practice, in the event the horse being lead unexpectedly breaks free, creates an uncontrolled risk to the health and safety of the general public.

Please refer to *Track Riding Gear* and *Horse Riding Gear* under Track Riding section in this guide for further information concerning handling horses.

First aid

- No 'first response' first aid facilities available (including first aid kits) suitable for the needs of the stable.
- No appropriately qualified first aiders available to administer 'first response' first aid.
- Stable management have processes in place to ensure the following:
 - the selection, provision and maintenance of an appropriate number of well stocked and located first aid kits and
- an appropriate number of qualified first aiders available to meet the needs of the stable environment. However, it is recommended that at least one qualified first aider should be available at all times during stable operation.



This stable has a suitably stocked and maintained 'first response' first aid kit. The kit is well located in the stable environment and highly visible.

RISK CONTROL SOLUTIONS

Dangerous goods and hazardous substances (chemicals)

- Chemicals are stored haphazardly across the stable.



These chemicals are stored haphazardly in a shed with other equipment. The content of some containers can not be determined.

- Chemicals are decanted into unmarked containers.



Chemicals used in a stable can be extremely hazardous. This container of Creosote is toxic and is commonly used in stables. Decanting it into unlabelled containers could result in its accidental use leading to serious illness or death.

- Staff and contractors are not aware of the hazards associated with chemicals used in the stable environment and have had no appropriate training in using them safely.
- Material Safety Data Sheets (MSDS) for all chemicals used in the stable are not available to staff or contractors.
- PPE (e.g. gloves, face masks or respirators) and protective clothing such as disposable overalls are not available or maintained as identified by the MSDS for the various chemicals used across the stable environment.

- Chemicals to be used in the stable environment are assessed for adverse health effects prior to being purchased. Safer chemicals are used over more hazardous types (e.g. water based chemicals are used in preference to chemicals based on solvents).
- Chemicals must be safely stored and secured in accordance with Material Safety Data Sheets (MSDS) requirements. It is *highly recommended* that you consult with your chemical supplier as to how to safely store and handle chemicals used within the stable environment. An MSDS will include important information on the health effects, storage, safe use, cleaning spills and more.
- Chemicals decanted into other containers are clearly labelled. Empty food or beverage containers are *never* used to store decanted chemicals.
- Staff and contractors who use or could be expected to use chemicals have been trained and are aware of the associated hazards. Staff and contractors have access to chemical MSDS.
- Staff and contractors have access to PPE, know how to use it and care for it (e.g. storage and maintenance).
- Employees, contractors and first aiders know what to do in the event of accidental consumption, spill, contamination or other chemical emergency.

RISK CONTROL SOLUTIONS

Fire protection and emergency evacuation plans

- Suitable fire fighting equipment unavailable for the stable environment or not able to be readily accessed (e.g. horse feed is stacked in front of fire extinguisher).
- Fire fighting equipment is poorly maintained (e.g. extinguishers are out of date).
- No emergency evacuation plan for the stable.
- No regular emergency evacuation training for staff and contactors against an emergency evacuation plan.
- An up-to-date fire and emergency evacuation plan has been developed and a written copy clearly displayed in the stable environment. Staff and contractors regularly undergo training drills.
- Fire fighting equipment is provided and maintained annually. (consult your local fire authority or fire fighting equipment supplier for advice).
- A minimum one metre 'clear zone' is provided around all fire fighting equipment.





Fire fignting equipment must be adequately provided for in the stable environment and easily accessible at all times.