



## Risk Assessment

<b>Title: -</b> Recognition of the risks associated with the varied activities of the Thames Valley section of the National Vintage Tractor and Engine Club	<b>Location :-</b> Undetermined and varied by the nature of the various club members support activities.	<b>Assessor :-</b> Colin Quinton	<b>Implementation Date:-</b> 19/07/2014	<b>Assessment Review</b> Reassessment of the contained information to be carried out 24 months after implementation date or as required by undetermined changes or circumstances.
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Hazards Identified	Who is at risk	Control Measures	Measure of Severity	Likelihood of Incident	Additional Supporting Information
Working at Height	All persons undertaking specific assigned tasks	Avoid work at height where it is reasonably practicable to do so. Where applicable the provision of the appropriate Fall protection equipment as identified for specific tasks. Only certified & in date equipment to be used. Working at height awareness training for all applicable persons. The establishing of safe systems of work. Appropriate PPE to be worn as applicable.	H	M	Reduce the risk to all by the provision of accountable & recordable awareness Theory & Practical training. Where applicable assess & identify the risk before work commences. Refer to the HSE website for specific information Use of mechanical machinery or equipment not designed for the carrying or conveyance of persons to areas of work at heights is strictly forbidden

		<p>Only designated or competent persons to undertake specific work or tasks at height</p> <p>All equipment used for access or egress of the work area must be used specifically for the purpose as designed</p>			
<p>Machinery in physical operation either in motion or at standstill</p>	<p>All persons in the immediate and within the vicinity of the machinery operating location</p>	<p>Establishment of a physical barrier to non-essential persons.</p> <p>Fitment of guarding or shielding as applicable &amp; appropriate.</p> <p>Authorised, designated or assigned competent person or persons to be present at all times.</p> <p>Appropriate PPE to be worn as applicable.</p> <p>Operate equipment to the parameters as written in the Instruction Manual or supporting documentation.</p> <p>Before operating of any mobile equipment a check for unauthorised persons within the operating area must be carried by the operator or person responsible for the proposed operation.</p> <p>Where practicable on mounted equipment or machinery restraint equipment to control lateral &amp; horizontal movement of the said attached item must be used.</p>	<p>H</p>	<p>M</p>	<p>Designated, authorised &amp; competent person or persons to be identified pre task &amp; the parameters of the role to be communicated to all applicable persons. The owner or operator of the machinery to be responsible as applicable for all guarding or shielding.</p> <p>Unauthorised persons in the working area or location must be removed irrespective of the relationship with the operator or driver.</p> <p>Installed Restraint equipment to avoid any unnecessary lateral movement outside the as designed working area of the attached machine must be used &amp; fitted before any work is progressed</p> <p>Operating a Baler as an item of stationary equipment powered by either an installed engine or under PTO power is unacceptable unless its use as a stationary baler is as originally designed</p>

Maintaining or Starting a Machine or Machinery	Any person who is either directly working on the machine or within close proximity of the machine	Establishment of a physical barrier to non-essential authorised persons. Fitment of guarding or shielding as suitable, applicable & appropriate. Designated control or competent person to be present at all times. Appropriate PPE to be worn as applicable. All operations to be carried out according to the appropriate Instruction Manual or Book or known procedures	M	L	PPE –Personal Protective Equipment Where applicable pre task reference should be made to the appropriate Instruction Manual or Book or known procedures. Only competent or designated persons to progress the work.
Manual Handling	All persons undertaking specific & nonspecific assigned tasks	The establishing of safe systems of work. The provision of mechanical handling or lifting equipment. Suitable & appropriate training Suitable & Appropriate PPE to be worn where applicable. Only the physically fit to undertake the assigned work	M	M	PUWER- Provision and Use of Work Equipment Regulations 1998. Refer to the HSE website for specific information. A Specific risk assessment to be written as applicable for a the work or task
Asphyxiation	All persons within an enclosed space or subject to noxious fumes or vapours	Refer to the COSHH data base prior to the use of Substances used in any tasks. Ensure adequate ventilation at all times The establishing of safe systems of work. Only competent persons to under the task or work. Suitable & Appropriate PPE to be worn where applicable.	H	L	COSHH – Control of substances hazard to health. CSR – Confined Spaces Regulations 1997 Refer to the HSE website for specific information. Be aware of any process or event which may emit or produce noxious irrespirable vapour or fumes. Ventilate engine exhaust where

		No internal combustion engines to be operated in a confined space.			applicable using a suitable vertical stack pipe.
Loss of Containment	All persons within the immediate and undetermined location	The establishing of safe systems of work. Ensuring all equipment is maintained to the appropriate standards. Operate equipment to the parameters as written in the Instruction Manual or supporting documentation. Ensure all guards, shielding or safety devices are fitted as applicable. Suitable & Appropriate PPE to be worn where applicable.	M	M	Refer to the HSE website for specific information.
Noise	All persons within the immediate and undetermined location	The establishing of safe systems of work. The fitment to machinery where practicable of suitable & appropriate noise reduction equipment. Suitable & Appropriate PPE to be worn where applicable. The provision of a suitable & appropriate demarcation zone around the work area.	M	M	Refer to the HSE website for specific information. When operating a machine as designed known to emit a noise level considered to be unacceptable according to current noise regulations, consideration on the limitation of the working time must be factored in the work programme to avoid unnecessary infliction of unacceptable noise to all within the location.
Heat	All persons within the immediate and undetermined location	The establishing of safe systems of work. Only designated persons to undertake the work or task. Limitation on the duration of physical support to a task.	M	L	Heat can be from either <ul style="list-style-type: none"> <li>1. High Atmospheric conditions</li> <li>2. Situations where a task or work involves being in the close vicinity to a High radiant heat source from either a mechanical</li> </ul>

		<p>Provision of suitable clothing &amp; PPE.</p> <p>Provision of a suitable welfare support system.</p> <p>Establish where practicable appropriate shielding or deflection trunking</p> <p>Use of mechanical equipment to control or reduce physical exposure.</p>			<p>process or a combustion of fuels process.</p>
Impact or Collision	Any person who is local to or within close proximity of the machinery or vehicles	<p>The establishing of safe systems of work.</p> <p>The provision of a suitable &amp; appropriate demarcation zone around the work or traffic area.</p> <p>The provision of designated traffic marshals or control persons</p> <p>Suitable &amp; Appropriate PPE to be worn where applicable.</p> <p>The wearing of High Visibility clothing.</p> <p>Ensure all equipment is maintained to the appropriate standards.</p> <p>Only Authorised &amp; Competent persons to operate or drive machinery.</p> <p>Audible proximity warning equipment.</p>	H	H	<p>Verbal communication to warn persons in the area that vehicles are in motion should be considered where applicable.</p> <p>Adhering to the location maximum speed limits to be enforced.</p> <p>Unauthorised persons in the working area or location must be removed irrespective of the relationship with the operator or driver.</p>
Release of Pressure or stored energy	All persons within the immediate and undetermined location	<p>Suitable &amp; Appropriate PPE to be worn where applicable.</p> <p>Ensure all equipment is maintained to the appropriate standards.</p> <p>The establishing of safe systems of work.</p>	H	M	<p>Refer to the HSE website for specific information.</p> <p>Ensure any exhaust from the source of the release is vented to atmosphere at a safe distance from people or animals.</p> <p>Where a release to atmosphere is</p>

		<p>Operate equipment or machinery to the parameters as written in the Instruction Manual or supporting documentation.</p> <p>Provision of a suitable &amp; appropriate venting and /or noise absorbent system.</p> <p>Periodic testing of the installed safety v/v or release equipment.</p> <p>Only Authorised &amp; Competent persons to control any physical release or venting of pressure.</p> <p>Appropriate tools or mechanical devices to be used.</p>			<p>identified to occur, informing the people in the location will prevent undue stress and anxiety following the exhaust noise and possible plume of vapour or fumes. Being aware of the volume / type of contents of the vessel or container will allow an understanding of the appropriate procedures to support effective management of the process.</p>
Flying Projectiles	All persons within the immediate and undetermined location	<p>The provision of a suitable &amp; appropriate demarcation zone around the work or display area.</p> <p>The fitment of suitable &amp; appropriate guarding or shielding on the equipment in use or operation &amp; around the immediate &amp; peripheries of the work location.</p> <p>Only Authorised &amp; Competent persons to operate the specific machinery or tools.</p> <p>Suitable &amp; Appropriate PPE to be worn where applicable.</p> <p>Saw Bench -Provision of a Safety or Control person at the tractor.</p> <p>The establishing of safe systems of work.</p> <p>Ensure all equipment is maintained to</p>	H	H	<p>Identified machinery or Tools where flying projectiles are evident as part of the process.</p> <ol style="list-style-type: none"> <li>1. Rotating Wood Cutting Saw bench</li> <li>2. Disc Grinder or Cutter</li> <li>3. Wood Chopper or Grinder</li> <li>4. Chain Saw</li> <li>5. Wood working Tools &amp; equipment</li> <li>6. Mounted or trailed equipment either powered by a tractor or installed power source</li> </ol> <p>The product being cut up, sawn, or ground should where practicable be inspected prior to usage to identify any items within or on the surface that could cause the blade or disc to shatter or</p>

		<p>the appropriate standards. Operate equipment or machinery to the parameters as written in the Instruction Manual or supporting documentation. Where practicable the item or equipment must have a pre use inspection to identify any possible defects or anomalies.</p>			<p>disintegrate, the said inspection process to be carried out by a competent person any product failing to satisfy the due inspection process to be removed to an identified waste bin or disposal container. When operating a rotating tined machine i.e. a Hay Bob, the area must be checked for loose stones or other debris</p>
Trapment	Any person who is either directly working on the machine or within close proximity of the machine	<p>Suitable &amp; Appropriate PPE to be worn where applicable. Appropriate clothing to be worn. The fitment of suitable &amp; appropriate guarding or shielding on the equipment in use or operation &amp; around the immediate &amp; peripheries of the work location. Appropriate use of the Machinery as designed &amp; manufactured. The establishing of safe systems of work. All hydraulic lift operations to be carried out with an operator sitting on the driving seat</p>	M	M	<p>Refer to the HSE website for specific information. Appropriate clothing means no loose fitting garments or accessories. No inappropriate body enhancement jewellery items.</p>
Malfunction of a Machine or Equipment	All persons within the immediate and undetermined location	<p>Suitable &amp; Appropriate PPE to be worn where applicable. The establishing of safe systems of work. Regular &amp; recordable inspections on the equipment or machinery by competent persons.</p>	H	M	<p>All machinery or equipment used or brought to the event or occasion is the responsibility of the owner to ensure it is serviceable for the use as intended. Where possible &amp; practicable records of any maintenance or servicing programme to be maintained by the</p>

		<p>Any defects or anomalies observed to be assessed &amp; as applicable the item of equipment or Machinery to be taken out of use.</p> <p>Only Authorised &amp; Competent persons to operate or drive machinery &amp; use specifically identified equipment.</p> <p>The fitment of suitable &amp; appropriate guarding or shielding on the equipment in use or operation &amp; around the immediate &amp; peripheries of the work location.</p> <p>Stop button, cut off or off switch to be identified.</p>			<p>owner, also any relevant certification requirements must be kept up to date. Operating a machine or equipment with a known defect which could cause potential harm is not adhering to the expected duty of care to other persons.</p>
Electrical Shock	All persons within the immediate and undetermined location	<p>Regular &amp; recordable inspections on the equipment or machinery by competent persons.</p> <p>Suitable &amp; Appropriate PPE to be worn where applicable.</p> <p>The equipment to be used according to the Instruction Manual or supporting documentation.</p> <p>All trailing leads to be covered to prevent a trip hazard.</p> <p>Authorised &amp; Competent persons to use or operate electrical equipment.</p> <p>The establishing of safe systems of work.</p>	H	M	<p>Refer to the HSE website for specific information.</p> <p>Where applicable &amp; appropriate all equipment should have an up to date PAT label.</p> <p>Where applicable &amp; appropriate only the electrical equipment supplied or installed by the location event organiser must be used.</p>



<p>Access or Entry into a restricted area</p>	<p>All unauthorised persons</p>	<p>The provision of suitable fencing or railings as erected &amp; specified to the appropriate regulations.  The provision of designated marshals or control persons at specific locations around the enclosure.  The erection of suitable informative signage.  The establishing of safe systems of work.</p>	<p>H</p>	<p>M</p>	<p>Refer to the HSE website for specific information.  Consider options of issuing known forms of ID.  Vigilance &amp; control of all persons within the demarcation location must be the responsibility of an identified individual to avoid possible incidents or accidents &amp; the person to have the authority to cease all movement or operation of machines until it is considered safe.</p>
<p>Lifting operations by use of mechanical devices &amp; by physical body force</p>	<p>All persons within the immediate and undetermined location</p>	<p>Where applicable &amp; appropriate all lifting operations to adhere to LOLER.  Only Competent persons to use or operate all types of lifting equipment.  The provision of a suitable &amp; appropriate demarcation zone around the lifting work area.  Designated competent personnel to assist as required.  The equipment to be used in all operations must be suitable for the proposed task.  Only persons who are physically capable to undertake any lifting or handling operation.  The establishing of safe systems of work.</p>	<p>H</p>	<p>M</p>	<p>LOLER - Lifting Operations and Lifting Equipment Regulations 1998.  In multi lifting operations the designation of a sole control person must be considered to ensure effective management of all lifting.  Ideally all persons involved in lifting or manual handling operations should have attended a course to fully appreciate the techniques available to ease the work &amp; reduce injury.</p>

<p>Burns / Scalds Sprains / Strains Undetermined physical Injury</p>	<p>All persons within the immediate and undetermined location</p>	<p>The establishing of safe systems of work. Suitable &amp; Appropriate PPE to be worn where applicable. The equipment or tools to be used in all operations must be suitable for the proposed task. The erection of suitable informative signage. All equipment to be used according to the Instruction Manual or supporting documentation. Only Authorised &amp; Competent persons to operate the specific machinery or tools.</p>	<p>M</p>	<p>L</p>	<p>Specific awareness training to be available as required &amp; identified. Pre Task or Work tool box talk to be carried out to the appropriate persons. Supportive First Aid &amp; Welfare facilities to be available where reasonably practicable.</p>
<p>Fire</p>	<p>All persons within the immediate and undetermined location</p>	<p>The establishing of safe systems of work. All flammable substances to be stored in the appropriate &amp; applicable containers. Means of access to be made available where applicable in confined spaces. A means to extinguish a fire to be available where practicable at all times The establishing of safe systems of work. Establishing a Non Smoking Policy within designated areas</p>	<p>H</p>	<p>M</p>	<p>Smoking related location guidelines or regulations to be adhered to as required. Restrictive use of the requirement of Naked or exposed flame propagation. Specific area of storage for Flammable liquids &amp; Substances to be identified &amp; appropriately located.</p>

Undetermined Natural & /or Man - made event	All persons within the immediate and undetermined location	Unable to quantify or clarify the specific control measures, as a result of the many unknown scenarios that may arise as a consequence of an undetermined event or events.	H	H	The priority in all events is the preservation & safety of Human Life. Where reasonably practicable to attempt to control and manage the event to reduce further escalation which may be detrimental to Human Life & personal safety.
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<p><b><u>Key to the Measure of Severity reference</u></b></p> <p><b>L - Low (unlikely potential for an injury to occur )</b></p> <p><b>M - Medium ( likely or every potential for an injury to occur)</b></p> <p><b>H - High ( potential of Death or Major Injury )</b></p>	<p><b><u>Key to the Measure of Likelihood of incident occurring</u></b></p> <p><b>L - Low (seldom or unlikely)</b></p> <p><b>M - Medium (likely or every potential)</b></p> <p><b>H – High ( certain or very certain )</b></p>
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