

**Holme Park Quarry LNR - Risk Assessment for Volunteers/Contractors carrying out general management tasks**

HAZARD	RISK	CONTROL
<p><b>MECHANICAL</b> Vehicles/machinery</p> <p>Power tools</p> <p>Tractors/tractor mounted post rammers/hole borers. Wire strainers. Hand tools - spades, crowbar, drivall. Hand tools - other.</p> <p><b>CHEMICALS</b></p> <p>Fuels, oils</p> <p>Smoke/fumes</p> <p><b>ENVIRONMENTAL</b></p> <p>Flying debris/boughs</p> <p>Noise</p> <p>Dust/pollen/spores</p> <p>Extremes of weather - Cold/wet Hot/sunny</p>	<p>Multiple</p> <p>Multiple</p> <p>Wide range of injury risk. Pinching, cuts. Foot and head injuries. Cuts, piercing, lacerations.</p> <p>Skin irritation. Carcinogens</p> <p>Asphyxia. Respiratory damage. Disorientation.</p> <p>Various injuries.</p> <p>Hearing damage.</p> <p>Respiratory irritation. Allergies. Asthma. Carcinogens.</p> <p>Hypothermia. Exposure. Heatstroke, sunburn, Skin cancer.</p>	<p><b>1. Training essential</b> 2. Lone working procedures</p> <p><b>1. Training essential</b> 2. No lone working</p> <p><b>1. Training essential.</b> 2. Care and awareness. 3. Wear appropriate PPE. 4. Ensure all tools serviceable for task.</p> <p>1. Personal Hygiene. 2. Wear PPE.</p> <p>1. Avoidance. 2. Wear PPE if necessary.</p> <p>1. Wear PPE including eye and head protection. 1. Wear ear defenders.</p> <p>1. Wear particle mask. 2. Avoidance.</p> <p>1. Wear appropriate PPE, waterproofs 1. Wear PPE, sun block. 2. Avoid exposure.</p>
<p><b>HAZARDOUS TERRAIN</b></p> <p>Slopes, slippery ground, mineshafts, holes, etc</p> <p>Vegetation</p> <p>Soil</p> <p>Rocks low Vegetation, brash. Zoonosis, eg Weil's Disease, Lyme's Disease</p>	<p>Falls, trips, limb breakage. Entrapment.</p> <p>Cuts, scratches. Skin irritation, piercing. Cuts, infection. Tetanus.</p> <p>Trips, falls, Limb breaks, concussion. Infection.</p>	<p>1. Survey ground first. 2. Lone working procedures. 3. Care and awareness. 4. Suitable footwear.</p> <p>1. Wear PPE</p> <p>1. Wear PPE. 2. Personal hygiene. 3. Prompt treatment of injuries.</p> <p>1. Care and awareness.</p> <p>1. Wear PPE. 2. Personal hygiene.</p>

<b>HUMAN</b> Exhaustion	Reduced sensibility. Diminished physical control.	3. Prompt medical advice.
Lifting/bending	Muscular/skeletal injury.	1. Correct management of work patterns.
Third parties	Verbal/physical assault.	1. Correct use of, and training in, manual handling procedures.
Property/third parties/ power lines, etc.	Damage. Injury. Electrocution.	1. Lone working procedures. 2. Politeness, calmness etc. 1. Care and awareness. 2. Erect warning notices.
<b>ANIMAL</b> Stings/bites	Skin irritation. Infection. Allergic reaction.	1. Wear PPE. 2. Use insect repellent. 3. Seek prompt medical treatment.
<b>HUMAN</b> Lifting, pulling, bending.	Muscular/skeletal damage.	1. Training in manual handling. 2. Correct lifting techniques
General public.	Range of potential injuries.	1. Warning signs. 2. Care and awareness.
Exhaustion	Impaired judgement. Diminished physical control.	1. Correct management of work patterns.
<b>FIRE</b>		
	Burns	1. Care and awareness. 2. Keep safe distance from fire. 3. Do not have bonfire too large. 4. Careful choice of fire site. 5. Do not overload fire. 6. Have burns kit available
	Spread to surrounding vegetation/property.	
Sparks/embers	Burns, eye damage, spread of fire to surrounding vegetation/property. Damage to clothing.	1. Work upwind of fire. 2. Wear old clothes/PPE if necessary. 3. Care and awareness. 4. Do not leave fire unattended.
Petrol/diesel	Explosive combustion.	1. Keep all fuels well away from fire. 2. Do not use petrol to start fire.
Smoke	Inhalation - respiratory irritation/damage. Carcinogens. Nuisance/danger to neighbouring property/public highway.	1. Work upwind of fire. 2. Avoid breathing smoke. 3. Avoid bonfires near property and public highways.
Fumes	Respiratory damage/asphyxia.	1. Avoid burning rubber, plastics, etc.

Exploding items.	Injury.	<ol style="list-style-type: none"> <li>1. Avoid burning glass items</li> <li>2. Do not burn pressurised containers of any sort.</li> </ol>
Telephone/Power Lines	Damage. Arc-ing causing electrical burns	<ol style="list-style-type: none"> <li>1. Do not light bonfires near/underneath power lines.</li> </ol>
Wind/Drought	Spread of fire/loss of control.	<ol style="list-style-type: none"> <li>1. Keep fire small and controlled.</li> <li>2. Do not burn in windy/dry conditions.</li> </ol>
Spread of fire	Damage to surrounding habitat/property.	<ol style="list-style-type: none"> <li>1. Supervise fire at all times.</li> <li>2. Do not leave work site until bonfire is completely burnt out and safe.</li> <li>1. 2. Have enough people with beaters on hand to manage fire and the immediate area around fire site.</li> <li>3. Keep fire site clear of flammable material (e.g. cut gorse) – maintain 5-metre clear zone.</li> <li>4. Manage volunteer enthusiasm.</li> <li>6. <b>Follow these guidelines for emergency site evacuation if fire gets out of control:-</b> <ol style="list-style-type: none"> <li>a. Do not panic.</li> <li>b. Do not attempt to put fire out.</li> <li>c. Evacuate site and call 999 immediately.</li> <li>d. Give location (grid reference) and any other relevant information.</li> <li>e. Wait for fire brigade to arrive.</li> <li>f. Prevent others from entering site.</li> </ol> </li> </ol>
<b>Hand tools</b>		
Sharp tools (in use)	Cuts, lacerations, piercing, amputations to operator and others. Blisters.	<ol style="list-style-type: none"> <li>1. Establish 5-metre exclusion zone around user - <b><u>training required</u></b>.</li> </ol>
Sharp tools (in transit)	As above.	<ol style="list-style-type: none"> <li>1. Guard tines and blades.</li> <li>2. Secure in vehicle - isolate from driver/passengers.</li> </ol>
Sharpening hand tools	Cuts and amputations.	<ol style="list-style-type: none"> <li>1. <b><u>Training required</u></b>.</li> <li>2. Do not use part stones.</li> </ol>

HPQ LNR Official

Signature:

Date: