

Fire Risk Assessment

Assessment for:

NSA North Sheep 2025

Venue:

Greystoke Castle Farm

Greystoke

Penrith

CA11 0TG

Assessment undertaken by:

Name

Date

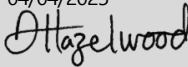
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Version

To be reviewed

D. Hazelwood

04/04/2025



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Immediately prior to event; unless significant changes or incident or next event

Identified Fire Hazards

Sources of Ignition			
Hazard	Evaluate risk of fire occurring	Steps taken to remove hazard	Steps taken to reduce hazard
Arson	Malicious act may result in fire being set within the event site (such as waste skips) within the event perimeter or immediately outside within car park.	Areas such as waste skips to be out of bounds to public and are secured so far as is reasonably practicable.  Event staff team visible as deterrent.	Minimise sources of fuel within/around event site.  Event team vigilant to anyone acting suspicious .  Additional fire fighting precautions implemented due to very dry grass if weather requires.  Wate bins to be regularly emptied.

Catering/Cooking equipment	<p>LPG and electric fired heat sources used for public catering concession may be faulty or knocked over.</p> <p>Electrical cooking devices used for Cookery Theatre</p>		<p>All gas equipment must have been serviced, tested and certified by a Gas Safe Engineer and Electrical equipment Portable Appliance Tested within the previous 12 months or as relevant guidance states, Trade/Exhibitor booking information to reinforce these requirements.</p> <p>All catering concessions to carry out own fire risk assessments for their stands. Organisers to note stands with higher risk for suitable placement and fire precaution placement.</p> <p>Catering concessions to have own fire extinguishers/blankets available as deemed necessary by their own risk assessment; this may include specialist fire extinguishers - such as wet chemical.</p>
Electrical Faults	Use of faulty electrical appliances.	<p>Temporary power distribution will be installed by event electrical contractor from mains and temporary diesel generators - all in line with BS7909.</p> <p>Any items of visual concern will be identified and removed or made safe before use.</p>	<p>All contractor's/exhibitor/stand holders' equipment to have undergone a Portable Appliance Test within a suitable timeframe before the show (Suitable timeframe depends upon the nature of use the equipment experiences - we would deem a maximum of 12 month intervals).</p> <p>CO2 Fire Extinguishers to be located in the vicinity of electrical equipment and generators.</p>
Generators - emitting sparks from exhaust or heat ignites fuel or surrounding flammable items.	Use of Petrol Generators generally prohibited.	Prohibited use of petrol generators at event.	All generators to be diesel and suitably sited away from flammable materials.
Natural Phenomena - such as lightning	Low instance of lightning in UK, structures or grass fires are possible if struck.		<p>Weather monitoring as part of Event Safety process to identify potential lightning storm approaching.</p> <p>Invacuation or evacuation of event site may be required subject to dynamic assessment of forecast at the time.</p>
Smoking in structures or near entrances	Attendees may discard cigarette butt into structure landing on combustible material.	All indoor areas (including marquees and buildings) are no smoking areas. Stewards to monitor for compliance.	No Smoking signage at entrances to marquees.

Smoking in event site	Attendees may discard cigarette butt or matches; landing on combustible material.	Smoking is permitted only outdoors	<p>Matches/lighters may be used by smokers when outdoors.</p> <p>Matches pose greater risk as may be discarded onto dry grass areas.</p> <p>If weather preceding event has been very dry, additional signage to be displayed reminding people of dangers of dropping cigarettes.</p> <p>Additional fire precautions located around site if prolonged dry weather has been experienced.</p>
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Vehicles in car park	<p>Vehicles within car park area; heat from engine/exhaust may become too close to flammable dry grass if preceding weather has been dry/hot.</p> <p>Vehicle faults may cause self-ignition</p> <p>Electric/Hybrid Vehicle may pose higher risk and be unextinguishable.</p>		<p>Length of grass and weather assessed in run up to event to allow for appropriate mitigations to be implemented - Long grass may be topped sufficiently in advance to allow dry matter to disintegrate.</p> <p>Spacing of cars to include additional fire break spacing to minimise/slow spread of fire through groups of vehicles.</p> <p>Event Manager to make enquiries when fire reported to identify if electric vehicle or not - information to be passed to fire service and a safe zone managed around the fire.</p> <p>Car parking stewards in radio contact with Event Manager for quick alerting and calling of Fire Service.</p> <p>Fire precautions to be located for quick response to parking areas for small fires.</p> <p>Steward briefing to remind stewards of increased fire risk in hot/dry weather and to increase monitoring.</p> <p>Stewards briefed to keep people at safe distance from fire &amp; explosions and upwind of any smoke so far as is possible and maintain a clear ingress route for emergency services.</p>
Vehicles parked near temporary structures	<p>Trader vehicles parked near their stands may transfer fire to structure if they were to ignite.</p>	<p>All exhibitor/stand holder vehicles to be removed from site and parked in designated parking area.</p>	<p>No vehicles to be running during event unless being used for demonstration. (Ice cream vans may need to be used where electrical hook-up not practicable, but to be located away from combustible materials)</p> <p>Demonstration vehicles to be running only when specifically required and parked/located away from any flammable materials.</p>

Vehicles within the event area	Vehicles within event area build/breakdown may spill fuel or heat from engine/exhaust may become too close to flammable materials.	No vehicles are permitted to run or move within the event area during the event. (Except emergency and designated service vehicles)	<p>If prolonged hot dry weather has been experienced prior to the event, additional fire precautions located around the site.</p> <p>Grass length to be managed prior to show to keep short and to prevent making contact with hot exhausts etc on underside of vehicles.</p>
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## Sources of Fuel

<i>Hazard</i>	<i>Evaluate risk of fire occurring</i>	<i>Steps taken to remove hazard</i>	<i>Steps taken to reduce hazard</i>
Alcohol (Spirits)	Alcohol being used as available onsite to fuel start of fire by arsonist.		Bar contractor responsible for associated risks, It is expected that all bar supplies are stored within bar area out of reach of public and only sold by measure.  Bar staff are to be vigilant to any suspicious purchasing behaviour.
Barbeques & Campfires	Visitors bring portable/disposable barbeques.  Stand holders bring barbeques or cooking facilities	Type of event this is low likelihood. Main area of observation in Car Parks and outdoor stand areas/  Event team briefed to halt and extinguish any such activity.	Car park stewards to be briefed to be vigilant for such actions and take immediate action.  Trade exhibitor area stewards to be remind stand holders barbeques are not permitted if they see them onsite.
Bedding Materials (livestock etc)	Bedding used for livestock areas ignited by discarded ignition source or adjacent heat source or fault.	Bedding storage area so far as is reasonably practicable out of access and secure from public. Located away from other flammable items to which a fire may spread.  No smoking signage near to bedding areas.  No electrical equipment placed within/run across bedding.	Fire precautions placed near to areas of bedding.
Cleaning materials/fluids	Cleaning fluids come into contact with excessive heat resulting in combustion.	All cleaning products under the supervision and use only by toilet contractors' competent cleaning staff. Cleaning products not to be left unattended.  Cleaning materials unlikely to be in contact with heat/ignition sources.	
Combustible materials - cardboard/packing materials from trade stands.	Combustible materials may be ignited by heat from cooking equipment, being too near to heat sources and discarded ignition sources or arson.	Waste materials not to be allowed to build up or stored in or adjacent to stands or near their vehicles.  Waste bins provided away from stands for temporary collection of waste products.	Waste team to monitor amount of waste at bin locations and remove periodically if builds up.

Cooking Oils	Cooking by catering contractor utilising hot cooking oil that may ignite.	<p>Deep fat frying only permitted by competent catering contractor.</p> <p>Hot oils are not permitted to be used in open air or where water could drip/fall in thereby causing hot oils to explode onto surrounding combustible surfaces.</p> <p>Use prohibited for general tradestand exhibitors.</p>	<p>Food concession contractor to have own fire risk assessment and safe operating procedures in place for use of cooking oils.</p> <p>Equipment must be in good order with appropriate temperature cut outs to prevent overheating and subsequent flashover.</p> <p>Wet Chemical Fire Extinguishers should be provided by food concession contractor within their unit.</p> <p>Waste oil should be drained and removed from site by contractor.</p>
Dry Grass	Grass may be long, where weather has been very dry in period leading to event there will be a higher risk of the grass being likely to burn.		<p>Grass may have to been mown short to reduce the height, and likelihood of the heat from vehicle exhausts igniting the dry grass.</p> <p>Shorter grass will reduce ability of fire to spread.</p> <p>Additional fire fighting precautions implemented due to very dry grass.</p> <p>Stewards briefed to be extra vigilant regarding fire.</p>

Flammable Gases - LPG	Faulty appliance or toppled cylinder results in LPG leak which ignites.		<p>All gas equipment must have been serviced, tested and certified by a Gas Safe Engineer and Electrical equipment Portable Appliance Tested within the previous 12 months or as relevant guidance states.</p> <p>Cylinders to be appropriately stored and restrained.</p> <p>Excess cylinders to be avoided onsite.</p> <p>All catering concessions and tradestands to carry out own fire risk assessments for their stands.</p> <p>All catering concessions and tradestands to have own fire extinguishers &amp; blankets available as deemed necessary by their own risk assessment.</p> <p>Fire extinguishers located in tradestand areas (ideally Dry powder/ or AFFF &amp; CO2)</p>
Flammable Liquids	Misuse or storage of flammable liquids result in ignition.	<p>Identification of any flammable liquids that may pose hazard to event.</p> <p>Removal of such liquids for duration of event.</p>	<p>Review of liquid properties or COSHH assessments to identify amount of liquid and potential risk the event would be exposed to. Further risk assessment may be required if identified and cannot be removed.</p> <p>Monitor for any stands or contractors having or using such products in an uncontrolled or inappropriate manner.</p>
Fuel Store	Farm diesel fuel tank located inside one of buildings.		<p>Access to tank to be kept locked during event to prevent unauthorised access.</p> <p>Senior event team to be made aware of location and ensure heat and ignition sources are not located in the vicinity.</p>
Generator Fuels (Petrol/Diesel/LPG)	Refuelling of generators results in spillages that may ignite or improper storage of fuel igniting.	<p>Petrol Generators are not permitted onsite for this event.</p> <p>Event generators (diesel) are supplied with bulk tanks and refuelling during the show will not be required.</p>	<p>Monitoring by event team for unauthorised generators.</p> <p>Monitoring to ensure petrol generator rules of use are being adhered to, else machine use to be prohibited.</p>



Hot works by contractors	Contractors carrying out work use excess heat/blow lamps etc.	Processes considered to ensure they are required and appropriate when contractors are used.	Work to be separately assessed before commencing.
Tradestands	Tradestand proximity to each other permits rapid spread to further fuel sources (neighbouring stands)		Stand layout planned into blocks with wide isles to reduce the likelihood or delay the time for flashover to occur.  Catering stands where cooking is occurring are positioned separately and must provide their own fire precautions.
Trader's temporary structure/sheeting materials	Material should be of Fire Retardant type.	Structure covering to be to relevant fire retardancy standard and display marking as such.	Fabricated structures or those of questionable make up to be queried for FR certificates. Where non can be provided further assessment to be made with potential to be removed from structure.
Unanticipated fuel source	Traders or visitors bring combustible materials onto site that were not anticipated.	Traders to provide risk assessments to highlight any products or materials that are being brought on to site that may be combustible.	Regular monitoring around event site by event team to identify any new unanticipated fuel sources and mitigate.
Waste Material Skip Contents	Skip positioned in secure area where cannot be accessed by public.	Waste materials to be positioned 8m or more away from structures in a secure location.  No hot items to be disposed of in waste bins.	Vigilance by event team for tampering or public accessing area.
Waste Materials / Bin Contents	Waste builds up within bins.	Waste bins & skips kept stored away from structures and flammable materials.  No hot items to be disposed of in waste bins.	Waste bins emptied throughout day to prevent becoming full.

**Sources of Oxygen**

<i>Hazard</i>	<i>Evaluate risk of fire occurring</i>	<i>Steps taken to remove hazard</i>	<i>Steps taken to reduce hazard</i>
First Aid Oxygen canister	Small canister in the first aid area may fuel fire or be used maliciously to aid fire spread.	Area occupied by first aiders throughout the event to prevent unauthorised tampering.  Cylinders should be inspected and tested in line with relevant regulations and marked so.	Only small quantity canister.
General Atmospheric			Evacuation procedure and public address messages to help keep people away from fire.
Oxidising Materials	Materials come into close contact with heat or reactive materials.	No such materials known to be present for this event.	
Strong winds	Wind may intensify flames or blow out gas fired devices inducing a gas leak.	Such as catering equipment to be suitable for use in conditions and incorporate safety devices to detect loss of ignition and shut off gas flow.	Open flames to be protected from strong air movement.  Wind Management Plan in place to respond to high winds and may result in closing down areas or whole event site.

## People at Risk

<i>People at Risk:</i>	<i>Why are they at risk</i>	<i>Measures to reduce/remove risk</i>
Up to 3,000 members of the public which may include disabled & young visitors.	<p>Have less knowledge of show layout and emergency egress routes.</p> <p>May have reduced mobility or not hear the PA messages.</p> <p>Children may not appreciate danger.</p> <p>May be in other areas of site and not be aware of fire risk.</p> <p>May prioritise the safety of their livestock/animals over their own.</p>	<p>Event team and Officials to aid public to safety in event of fire.</p> <p>Public address system to aid alert visitors and give instructions and directions.</p> <p>Exit gate signage in place.</p> <p>Large open area to move people to place of reasonable safety initially.</p> <p>Fire fighting precautions distributed around the site.</p>
80 Event Volunteers	Have less knowledge of show layout and emergency egress routes.	Event briefing including layout and emergency procedures.
8 Car parking staff	May be in other areas of showground and not be aware of fire risk.	Radio communication to alert of fire or alert event Manager.
12 Contractor Staff		Contractors own lone worker procedures in place. Radio contact.
500 Trader & Catering Staff	<p>Have less knowledge of venue layout and emergency egress routes.</p> <p>May not want to leave own stand.</p>	<p>Event team and Officials to aid public to safety in event of fire.</p> <p>Gate signage in place.</p>
4 Senior Event Team	May be in areas of event site and not be aware of fire risk.	<p>Radio communication to alert of fire or alert event manager.</p> <p>Familiar with safety precautions and processes in place.</p>

#### Evaluate the risk of a fire occurring

- > Most ignition sources controllable. Those not include cigarettes and arson. No smoking in or near buildings/structures.
- > Good housekeeping to ensure flammable materials are kept away from heat and ignition sources.
- > Event and security team briefed to be vigilant and report any concerns.
- > Temporary Electrical systems installed and tested by competent contractor to ensure correct installation & good condition.
- > Flammable infrastructure kept to a minimum.
- > Catering units to complete own fire risk assessment and any concerns observed by event team addressed.
- > Low availability of combustible materials around site other than livestock bedding which will be monitored.
- > Farm buildings mainly steel frame and sheet clad, with some Yorkshire boarding type cladding in places - generally low risk.
- > Ignition sources from tradestand and catering units to be identified and assessed by stand holders and contractor.

#### Evaluate the risk to people from a fire starting in the premises

- > Higher risk in farm yard area where buildings restrict movement/egress. Lower in field trader areas where plenty of space to move away.
- > Fire escape routes built into layout planning and maintained clear during the event.
- > Buildings with only one point of egress to have occupancy capacity limited and escape routes kept clear.
- > If weather preceding event is hot and dry during previous days there is a higher risk of accidental grass fire.
- > External waste bins stored away from structures.
- > Exhibitor/Trade regulations attempt to limit faulty/poor equipment brought onto site.
- > No automatic means of detecting fire and raising alarm.
- > All areas occupied during open event for early identification of fire and raising of alarm
- > Farm fuel store to be kept locked to prevent tampering/access.
- > Good sightlines across outdoor trade areas to identify smoke & fires rapidly.

#### Remove and reduce the hazards that may cause a fire

- > Waste materials to be minimised and disposed of in appropriate bins and not allowed to build up.
- > Temporary Electrical systems installed and tested by competent contractor.
- > Temporary structures provided by contractors made from fire retardant materials.
- > Minimal fuel (Diesel/LPG) to be used/stored for the event - Generators & Catering Units - to be stored/used appropriately.
- > Weather considered to evaluate the increased risk from dry grass/vegetation - topping of long grass or additional fire mitigation facilities.
- > Smoking permitted - only outside of structures. Signage to reinforce no smoking areas.
- > Fire extinguisher points located around site - provision increased if very hot weather and dry grass/vegetation.
- > Regular sweeps by the event team to ensure no new sources of fuel have been added to the premises, and sources of ignition remain adequately
- > Exhibitor/Trade regulations attempt to limit faulty/poor equipment brought onto site.
- > Cookery theatre to use electrical appliances rather than gas.
- > External waste bins stored away from structures.

#### Remove and reduce the risks to people from a fire

- > Nominated Responsible Person and Deputy who will lead on fire safety and those that will take charge in event of fire/evacuation.
- > Adequate and appropriate fire precautions provided around site. Provision increased if very hot weather and dry grass areas.
- > Fire precautions will be checked on-site to ensure they are available and in good service.
- > Locations of fire extinguishers are highlighted with signage and visually obvious near egress routes.
- > Temporary structures provided by contractors made from fire retardant materials.

- > All temporary structures to feature suitable alternative exits, and monitored to ensure they remain clear of obstructions.
- > Fire response and evacuation contingency plans in place and briefed to staff.
- > Good communication system to raise alarm - event radio system and public address systems.
- > Event team to act as fire marshals and briefing given ahead of show on actions to take.
- > Extensive space for people to move away from fire - ability to use surrounding fields also.
- > Locations of fire extinguishers to be identified to stewards during briefing.
- > Review of fire risk assessment in case of significant change to event plan, once build complete and before next event.

#### Assessment review

*Assessment to be reviewed:*

Immediately prior to event; unless significant changes or incident or next event.

*Completed by:*

D.Hazelwood 04/04/2025

*Signature*

D.Hazelwood

Reference any review outcome (Where substantial changes have occurred a new record sheet should be used)