

HAMPSHIRE FIRE AND RESCUE SERVICE - RISK ASSESSMENT RECORD

Workplace: Hampshire and its surrounding environs | **Activity or Work Area:** Any Location where large animal rescue is carried out.

<i>Task/Description</i>	<i>Hazard</i>	<i>Risk</i>	<i>Risk* Groups</i>	<i>Control Measures in place</i>	<i>Level of Risk¹</i>	<i>Control measures required</i>	<i>Level of Risk²</i>
Approach to Rescue site	Difficult terrain and location of incident. Falls through encrusted slurry/ice	Slips, trips and falls causing personal injury- Drowning	A B C D E F	Training and assessment given to all sections of the Service likely to attend these incidents by Animal Rescue Specialist. And Watch Manager to WAP standard 'R' 2.9 'Rescue of Animals'	6L	D.R.A by first attending Incident Commander – Brief all crews and other agencies before entering rescue site + application of safe system of work in consultation with Animal Rescue Specialist, owner and if in attendance the Vet. Use identified 'Safe Routes' for access/egress. Nominate a Safety Officer.	4L

¹ See over for Matrix

² See over for Matrix with new control measures in place

The Rescue Site	Unstable/collapsed buildings or structures – roads - unguarded machinery/grids Falls through encrusted slurry/ice/into deep unmarked holes, – wells, drains, ditches or pits containing mud, slurry, grains, powders, ice – Water, static, tidal or running – Underground, pipes, sewers, tunnels, animal holes – Becoming trapped by or struck by Other animals	Slips, trips and falls causing personal injury Drowning, Crushed- Kicked – Bitten – Impaled – Struck by – Trapped by rolling animal – Head butted – Scratched - Gouged	A B C D E F	Training and assessment given to all sections of the Service likely to attend these incidents by Animal Rescue Specialist. And Watch Manager to WAP standard ‘R’ 2.9	6L	D.R.A by first attending Incident Commander, Brief all crews and other agencies not to release any animal unless it can be confined in a safe place before entering rescue site + application of safe system of work in consultation with Animal Rescue Specialist and owner. Use identified ‘Safe Routes’ for access/egress. Incident Commander/Animal Rescue Specialist to closely monitor all activity whilst on the rescue site.	4L
	Emotionally charged people – Encouragement of Fire-fighters to carry out dangerous practices by Owners, members of the public, farmers and equine workers	Verbal abuse and potentially Physical abuse. Causing personal injury	A B C D E F	Training and assessment given to all sections of the Service likely to attend these incidents by Animal Rescue Specialist. And Watch Manager to WAP standard ‘R’ 2.9	10M	D.R.A before entering rescue site + application of safe system of work If rescue is beyond the scope of first attending crew await arrival of Animal Rescue Specialist and Animal rescue team. Incident Commander, Safety Officer and Animal Rescue Specialist to closely monitor all activity of ALL people on scene and have them removed if necessary.	6L

	Untrained Fire fighters attempting to rescue large animals	Slips, trips and falls causing personal injury Drowning, Crushed- Kicked – Bitten – Impaled – Struck by – Trapped by rolling animal – Head butted – Scratched – Gouged – Not protected by the correct PPE	A B	Specialist Training given at Sparsholt College to all Animal Rescue Station personnel by College Instructors & Animal Rescue Specialists. Further Continuation training given to Animal Rescue Station Personnel by Animal Rescue Specialist. And Watch Manager to WAP standard 'R' 2.9	9M	A minimum of six Animal Rescue Trained personnel wearing the correct PPE are required to safely carry out rescue procedure.D.R.A before close contact with a large animal application of safe system of work.If rescue beyond the scope of the Animal Rescue Team await arrival of the Animal Rescue Specialist.	6L
	Unfamiliar with Fire and Rescue procedures - Trying to enter risk area unbriefed - Encouragement of Fire-fighters to carry out dangerous practices	Personal injury to fire-fighters looking after other agencies health and safety – Syringes containing powerful drugs	A B C D E F	Awareness training given to Veterinary Practices by Animal Rescue Specialists. Training and assessment given to all sections of the Service likely to attend these incidents by Animal Rescue Specialist. And Watch Manager to WAP standard 'R' 2.9	10M	Brief the Vet and other agencies prior to rescue and agree a safe system of work . Appoint a Safety Officer who in conjunction with the Incident Commander and Animal Rescue Specialist will constantly monitor the activity of the Vet and other agencies	6L
	A wide range of hazardous substances may be present at the rescue site respiratory risks, veterinary medicines, asbestos, electricity, fuel oils, gases and slurry	Contamination of personnel by agricultural chemicals. Poisoning, burns, asphyxiation, electrocution	A B C D E F	Training and assessment given to all sections of the Service likely to attend these incidents by Animal Rescue Specialist. And Watch Manager to WAP standard 'R' 2.9	6L	Appoint a Safety Officer who in conjunction with the Incident Commander will constantly monitor and assess. Brief crews and decontaminate following exposure if necessary. DRA by Incident Commander and Animal Rescue Specialist. If possible remove the Hazardous substance and apply the correct PPE prior to rescue. If required make up for a Hazmat Officer.	4L

	A disease or infection contracted from an animal or its environment Personnel contracting these conditions whilst attending an animal rescues	Flu like symptoms, Skin lesions, Diarrhoea, abortion or Death	A B C D E F	Awareness training given to all personnel likely to attend animal rescues. Training and assessment given to all sections of the Service likely to attend these incidents by Animal Rescue Specialist. And Watch Manager to WAP standard 'R' 2.9	6L	Cover all cuts and abrasions prior to animal rescue. Wear the correct PPE to be advised and checked by Animal Rescue Specialist before rescue. Incident Commander and Safety Officer to be made aware of Zoonotic risk prior to rescue Check integrity of PPE particularly gloves during rescue. Scrupulous Hygiene following rescue. Advice to be given to personnel on health monitoring by Animal Rescue Specialist	4L
	Manual Handling of equipment to the rescue site	Musculoskeletal Injuries, cuts and abrasions	A B C D E F	Manual Handling training and assessment given by Service Instructors. All personnel to be aware of S.O 8/1/6 Manual Handling.	6L	Incident Commander and Animal Rescue Specialist to plan the safest route to the rescue site. Consider the use of a Service 4X4 or farm Vehicle to aid transport of equipment. Full supervision of personnel during manual handling operations	4L
	Inclement or very Hot /Cold conditions	Exposure to heat stress whilst working during hot weather in arduous conditions. Hypothermia	A B C D E F	Full PPE and Surgical Gloves	10M	Regular breaks for personnel to take on fluids in hot conditions. Consider Dry Suits with thermal under suits in cold conditions	6L

	Farm and Plant machinery + Farm and Plant operators not competent in its operation	Serious Injury or even Death to Personnel not trained in its use.	A B C D E	Awareness training given to all personnel likely to attend animal rescues. Under no circumstances should HFRS Personnel operate Farm machinery or plant.	6L	Incident Commander, Animal Rescue Specialist and Farm Machinery or Plant Operator to plan a safe system of work prior to any rescue. They must also establish if the machine is capable of the task. . All Personnel briefed prior to the use of Farm machinery by its own operator during the incident.	4L
	Barbed Wire Electric Wire/Tape	Lacerations to personnel. Mild electrocution	A B C D E	Awareness training given to personnel. by Animal Rescue Specialist.	4L	Consider removing other animals before moving or removing a fence. Remove barbed wire if causing a hazard. Switch off power to electric fence. Consult land owner for advice.	2L
	Bull, Boars, Stallions, Rams, Billy Goats and Females of each Species defending their young.	Serious Injury or even Death is possible if animals in this group are not handled correctly	A B C D E	Awareness training given to personnel. Consult Animal Rescue Specialist.	16H	Only animal rescue trained personnel to enter the risk area to conduct the rescue. Animal Rescue Specialist to give help and advice to both the Incident Commander and personnel before, during and after the rescue. Consider early Veterinary support to provide sedation if appropriate. Consult Owner and Vet for advice. A Secure route and place of confinement of the animal must be identified prior to rescue.	9M

	Manual Handling of equipment whilst conducting the rescue + Close contact with the animal.	Physical Injury - Musculoskeletal Injuries, cuts and abrasions, Crushed- Kicked – Bitten – Impaled – Struck by – Trapped by rolling animal – Head butted – Scratched - Gouged	A B C D E	Theoretical and Practical training given to Animal Rescue Stations. Awareness training given to all other operational personnel. Assessment to WAP standard ‘R’ 2.9. All personnel to be aware of S/O 8/1/6 Manual Handling.	16H	Only animal rescue trained personnel to enter the risk area to conduct the rescue. Animal Rescue Specialist to give help and advice to both the Incident Commander and personnel before, during and after the rescue. Before the animal is rescued there must be a secure place in which to put it. Unless the incident can be easily resolved await the arrival of the Animal Rescue Specialist. Consider early Veterinary support to provide sedation if appropriate.	9M
	Animals Released	Crushed- Kicked – Bitten – Impaled – Struck by – Trapped by rolling animal – Head butted – Scratched - Gouged	A B C D E	Theoretical and Practical training given to Animal Rescue Stations. Awareness training given to all other operational personnel. Assessment by Animal Rescue Specialist and Watch Manager to WAP standard ‘R’2.9.	12M	Animal Rescue Specialist to arrange with owner and other agencies the egress route and final place of safety prior to release. Egress route for the Animal and rescuers must be planned for prior to rescue in conjunction with owners or other agencies. All personnel must be warned not to stand between an animal and any structure whilst animal is enroute to a place of safety.	6L

	Contamination by Zoonoses, mud and corrosive slurry	Flu like symptoms, Skin lesions, Diarrhoea, abortion or Death	A B C D E	Theoretical and Practical training given to Animal Rescue Stations. Awareness training given to all other operational personnel.	15M	Decontamination of personnel and equipment must be planned for by the Incident Commander in conjunction with the Animal Rescue Specialist and Land Owner. Personnel to Scrupulously clean and decontaminate before leaving the site. Animal Rescue Specialist to brief crews on possible Zoonotic effects and to encourage further cleaning on return to station.	4L
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Assessor:	Name: Anton Phillips	Rank/Post: WM/ Rural Safety Officer	Date: September 2007	Review Date: September 2008
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*A = Wholetime	*B = Retained	*C = Volunteers/Auxiliary	*D = Non Service Personnel	*E = Public	F = Non Uniformed
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Hazard Identification <i>(This list is not Exhaustive)</i>	
Asbestos	<input type="checkbox"/>
Animals	<input type="checkbox"/>
Biological	<input type="checkbox"/>
Building Construction	<input type="checkbox"/>
Chemical (Acid)	<input type="checkbox"/>
Confined Space	<input type="checkbox"/>
Carcinogenic	<input type="checkbox"/>
Demolition	<input type="checkbox"/>
Dermatological	<input type="checkbox"/>
Electrical	<input type="checkbox"/>
Environmental	<input type="checkbox"/>
Exposure to extreme heat	<input type="checkbox"/>
Fall from Height	<input type="checkbox"/>
Fatigue	<input type="checkbox"/>
Fire/Explosion	<input type="checkbox"/>
Gas, Mains/LPG/ Acetylene	<input type="checkbox"/>
Glazing/Glass	<input type="checkbox"/>
Heat stress	<input type="checkbox"/>
Hazardous Substance	<input type="checkbox"/>
Infection	<input type="checkbox"/>
Insufficient Protective Clothing	<input type="checkbox"/>
Mechanical	<input type="checkbox"/>
Manual Handling / Moving Vehicles	<input type="checkbox"/>
Noise	<input type="checkbox"/>
Poor Housekeeping	<input type="checkbox"/>
Insufficient Lighting	<input type="checkbox"/>
Pressure systems	<input type="checkbox"/>
Radiation (Ionising / non ionising)	<input type="checkbox"/>
Sanitary	<input type="checkbox"/>
Extremes of temperature	<input type="checkbox"/>
Unstable ground	<input type="checkbox"/>
Poor Ventilation	<input type="checkbox"/>
Excessive Vibration	<input type="checkbox"/>
Underground Services/Overhead cables	<input type="checkbox"/>
Violence	<input type="checkbox"/>
Water	<input type="checkbox"/>
Other	<input type="checkbox"/>

Control Measures <i>(This list is not Exhaustive)</i>	
Use PPE (Be specific)	<input type="checkbox"/>
Wear RPE	<input type="checkbox"/>
Ventilate for 24 hours	<input type="checkbox"/>
Cordon of the area	<input type="checkbox"/>
Isolate supplies	<input type="checkbox"/>
Transfer Risk	<input type="checkbox"/>
Guard	<input type="checkbox"/>
Prevent Access	<input type="checkbox"/>
Apply a safe system of work	<input type="checkbox"/>
Use hearing protection	<input type="checkbox"/>
Use the CAT scanner	<input type="checkbox"/>
Follow SSOW (Be specific)	<input type="checkbox"/>
Substitute	<input type="checkbox"/>
Drink plenty of fluids	<input type="checkbox"/>
Check the atmosphere before entry	<input type="checkbox"/>
No Lone working	<input type="checkbox"/>
Wear sun protection and or a hat	<input type="checkbox"/>
Good hygiene procedure	<input type="checkbox"/>
Use fall arrest	<input type="checkbox"/>
Engage specialist knowledge	<input type="checkbox"/>
Lock safe (preventing un authorised use)	<input type="checkbox"/>
Follow good house keeping procedures	<input type="checkbox"/>
Wear a life jacket	<input type="checkbox"/>
Use life lines	<input type="checkbox"/>
Call the Police and avoid confrontation	<input type="checkbox"/>
Use Barriers	<input type="checkbox"/>
Follow correct procedures	<input type="checkbox"/>
Avoid contact call a specialist	<input type="checkbox"/>
Use gloves	<input type="checkbox"/>
Minimum 2 persons	<input type="checkbox"/>
Follow a robust lone working procedure	<input type="checkbox"/>
Complete a COSHH assessment	<input type="checkbox"/>
Use Breathing Apparatus	<input type="checkbox"/>
Use portable forced ventilation	<input type="checkbox"/>
Lay a temporary road	<input type="checkbox"/>
Use hearing protection	<input type="checkbox"/>
Isolate	<input type="checkbox"/>

SEVERITY RATING (S)		
1.	No injury	
2.	Slight	First Aid only
	Minor Injury	Up to 3 day's absence
3.	Moderate injury	3 day's ~ Month's absence
4.	Serious injury	Over 1 month's absence
	Serious injury	Permanent disablement
5.	Death	
	Multiple Deaths	

LIKELIHOOD RATING (L)	
1.	Probably will not occur
2.	Very Unlikely
3.	Unlikely
4.	Likely
5.	Probably will occur

LIKELIHOOD						
S E V E R I T Y		5	4	3	2	1
	5	25	20	15	10	5
	4	20	16	12	8	4
	3	15	12	9	6	3
	2	10	8	6	4	2
	1	5	4	3	2	1

1 – 6	= LOW	Monitor
8 – 10	= MEDIUM	Minor actions required
12 – 16	= HIGH	Urgent action required
20 – 25	= Unacceptable	Take Immediate action