

Risk Assessment Wildfire Exercise
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File ref:		Owner:	
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Date of Issue:		Review date:		Issue No:	1
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If you wish to respond or make comment on this Risk Assessment, please contact:

Major/significant changes	
Brief reason for change:	

Contents

Severity

HS2

HS2A

Review

Recommendations

References



Contents

1.	Generic risk assessment (HS2) Number of pages attached	✓
2.	Manual handling checklist (HS2A) Number of HS2A's attached	✓
3.	Recommendations/Action sheet Continuation Sheets	✓
4.	Other reports/information	
5.	Equality Impact Assessment	✓
6.	Environmental Impact Assessment	

COSHH: If any hazardous substances are referred to in the risk assessment, please list substance name(s) here so that any existing COSHH assessment can be checked.

Not applicable




 Page down

Hazard Identification (List not Exhaustive)		Control Measures (List not Exhaustive)	
Restricted/Limited Access and Egress	✓	OiC to determine safe access, RVPs etc.	✓
Arduous working conditions	✓	Take rest breaks, drink water and regulate body temp.	✓
Fire, Heat and Smoke	✓	Follow safe systems of work, consider respiratory protection	✓
Rapid fire growth and changes in direction	✓	Use Wildfire Prediction System and LACES.	✓
Unstable surface	✓	Avoid working in boggy areas	✓
Exposure to sunlight	✓	Avoid direct exposure to sunlight and use PPE and sun cream effectively	✓
Flying brands and embers	✓	PPE including eye protection and flash hood	✓
Flying debris/dust	✓	PPE including eye protection	✓
Vehicle movements	✓	Apply Safe Systems of Work	✓
Sharps, broken glass etc.	✓	Use PPE including gloves	✓
Hazardous materials including unexploded ordnance	✗		
Compressed gas cylinders	✗		
Overhead power lines	✓	Follow safe systems of work	✓
Non DFRS personnel	✓	Monitor via ICS and escort as required	✓
Environmental conditions – temperature related	✓	Use PPE and rest breaks to manage body temp	✓
Environmental conditions affecting visibility	✓	Follow safe systems of work	✓
Ground Conditions	✓	Follow safe systems of work to avoid slips, trips and falls	✓
Manual Handling	✓	Follow safe systems of work	✓
Falls into water	✓	Follow safe systems of work – Weils disease	✓
Contact with animals	✓	Follow safe systems of work – Lyme's disease	✓

Poor radio reception	✓	Consider using Airwave if fireground radios are not effective	✓
Other			
Insufficient Lighting	✘		
Sanitary	✓	Consider welfare vehicle	✓
Underground Services/Overhead cables	✘		
Fireground feeding	✓	Follow Safe Systems of Work	✓
Stacked materials - timber	✓	Do not climb on or interfere with stacked materials	✓
Self recovery of light vehicles	✓	Follow Safe Systems of Work	✓

Top of doc

Page down

A=Wholetime B=Retained C=Other Services D=Public E=Non uniformed

Severity Rating (S)	
1	No Injury/No Damage
2	Slight/Minor Injury/ Minor Damage First Aid only Up to 3 days absence
3	Moderate Injury/ Damage 3 day to 1 Months Absence
4	Serious Injury/Damage Over 1 months absence
5	Death/Multiple Deaths/Severe Damage

Likelihood Rating (L)	
1	Probably will not occur
2	Very unlikely
3	Unlikely
4	Likely
5	Probably will occur

		Likelihood				
		5	4	3	2	1
Severity	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

7 - 12 = Medium Actions required

13 - 25 = High Urgent action required

Top of doc

HS 2 Contents page - Hazards

[HS2 Contents](#)
[Page down](#)

HS2

Task 1	VEHICLE MOVEMENTS
Hazard	MOVING VEHICLES AND EQUIPMENT
Risk	CRUSH AND COLLISION INJURIES
Risk Groups	ABCD

Level of Risk	S	L	Rating	Risk
	5	2	5	LOW

Control Measures	SOP EM 2.1 Driving
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Residual Risk	S	L	Rating	Risk
	5	1	5	LOW

[Page up](#)
[Top of doc](#)

HS2 Contents**Page down**

Task 2	PUMPING FROM OPEN WATER
Hazard	WORKING IN CLOSE PROXIMITY TO WATER
Risk	DROWNING AND WEILS DISEASE
Risk Groups	AB

Level of Risk	S	L	Rating	Risk
	5	2	10	MEDIUM

Control Measures	<ol style="list-style-type: none"> 1. PPE 2. HYGIENE - COVER OPEN WOUNDS 3. AVOID CONSUMPTION 4. MONITOR ANY COLD/FLU LIKE ILLNESS POST EXERCISE FOR UPTO 19DAYS – SEEK MEDICAL ADVISE - EXPLAIN EXPOSURE TO RISK
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Residual Risk	S	L	Rating	Risk
	5	1	5	LOW

Page up**Top of doc**

HS2 Contents**Page down**

Task 3	PROVIDE WATER TO OTHER APPLIANCES
Hazard	MANUAL HANDLING
Risk	MUSCULAR INJURY
Risk Groups	AB

Level of Risk	S	L	Rating	Risk
	3	2	6	MED

Control Measures	Employ safe systems of work with good manual handling techniques
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Residual Risk	S	L	Rating	Risk
	3	1	3	LOW

Page up**Top of doc**

HS2 Contents**Page down**

Task 4	FF OPERATIONS
Hazard	Working in arduous conditions in sunlight
Risk	Heat related illness
Risk Groups	ABC

Level of Risk	S	L	Rating	Risk
	3	3	9	MEDIUM

Control Measures	Use sun hats/cream, take regular breaks and re-hydrate
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Residual Risk	S	L	Rating	Risk
	3	2	6	LOW

Page up**Top of doc**

HS2 Contents**Page down**

Task 5	Vehicles driving off hard standing
Hazard	Task 5 – vehicle navigation
Risk	Vehicles getting stuck/overturning
Risk Groups	ABC

Level of Risk	S	L	Rating	Risk
	3	3	9	MEDIUM

Control Measures	SOP EM 2.1 Driving with particular reference to p18 – Procedures for Off Road drivers.
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Residual Risk	S	L	Rating	Risk
	3	2	6	LOW

Page up**Top of doc**

[HS2 Contents](#)[Page down](#)

Task 6	Live burn exercise
Hazard	Task 6 – Escaped fire
Risk	Unwanted fire spread
Risk Groups	ABCDE

Level of Risk	S	L	Rating	Risk
	3	3	9	MEDIUM

Control Measures	1. Use experienced burn team with adequate suppression resources. Sites to be prepared in advance and burn will only take place if safe to do so.
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Residual Risk	S	L	Rating	Risk
	3	2	6	LOW

[Page up](#)[Top of doc](#)

HS2 Contents**Page down**

Task 7	Self recovery of Light vehicles
Hazard	Task 7 – Crush injuries
Risk	Being pinned down under vehicle being recovered
Risk Groups	AB

Level of Risk	S	L	Rating	Risk
	4	2	8	Medium

Control Measures	1. Follow safe working practice
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Residual Risk	S	L	Rating	Risk
	4	1	4	Low

Page up**Top of doc**

Page down**Manual Handling Assessment Checklist****HS2A**

	The load - is it:	Yes	No	
	Heavy (State weight if known)		✓	L1
	Bulky/unwieldy/weight off-centre		✓	L2
L	Difficult to grasp/slippery		✓	L3
	Unstable or with contents likely to shift		✓	L4
	Sharp, rough, hot or otherwise potentially damaging		✓	L5

	The individual - does the operation:	Yes	No	
	Require unusual strength		✓	I1
	Present a hazard to those who are pregnant		✓	I2
I	Require special information or training		✓	I3
	Present a hazard to those with health problems		✓	I4
	Are workers aged over 50/under 21		✓	I5

	The task - does it involve:	Yes	No	
	Load held at a distance from body		✓	T1
	Twisting, stooping, other "bad movements"		✓	T2
	Lifting above shoulder height/below knee level		✓	T3
	Excessive lifting / carrying distances		✓	T4
	A requirement to use protective clothing/equipment		✓	T5
	Unpredictable movement of the load		✓	T6
T	Excessive pulling or pushing		✓	T7
	Repetitive handling		✓	T8
	Team handling		✓	T9
	Handling whilst seated		✓	T10
	Insufficient rest and recovery time		✓	T11
	Workrate imposed by the process		✓	T12
	Awkward postures required		✓	T13
	Holding a static posture for long periods		✓	T14

Top of doc


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	The environment - are there:	Yes	No	
	Space constraints preventing good posture		✓	E1
	Uneven, slippery or unstable walking surfaces	✓		E2
E	Steps, slopes or changes in level of the walking surfaces	✓		E3
	Extremes of humidity, temperature or air movements	✓		E4
	Poor lighting		✓	E5
	Work heights that could present risks		✓	E6


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Page down**Review****The risk assessment shall be reviewed following:**

- a) Receipt of new information.
- b) As a result of an investigation.
- c) When introducing new vehicles, equipment and technology.
- d) When introducing change to or new working procedures.
- e) In any event after a period of three years.
- f) At any other time when the current procedure is deemed to be invalid.

Recommendations:

- 1.
- 2.

(For completion by Head of Service Delivery)

	Action	Allocated to:	Completion Date:
1.			
2.			

Signature _____

Designation _____**Date** _____

	Name:	Signature:	Date:
Assessor:			
Rep Body:			
SFRS HS			

Top of doc

[Top of doc](#)

References

Wildfire Operational Guidance 2013
Add as required.....

[Top of doc](#)