

DWFRS 021/23



Risk Assessments

[Request a review](#)



[Back](#)

Risk Assessment Number: DWFRS 021/23

Version: 1

Risk Assessment Manager: [REDACTED]

[Request A Review](#)

Activity/Equipment being assessed:	Firefighting Foam
Reason for assessment:	Policy or Procedure Review
Risk Assessment Status:	Live
Directorate:	Service Support
Team:	
Date Original RA Created:	8/30/23
Date Original Published:	9/13/23
Review Last Created Date:	
Date Last Review Published:	9/13/23

[Hazard Screening](#) [Risk Assessment Matrix](#) [Attachments/Comments](#) [Health & Safety Section](#)

Hazards

The hazards that apply are: Fire,Other

Manual Handling Assessment: No

Other hazards are:

Not selecting or incorrectly selecting foam as a firefighting medium for fire type Incorrect selection of foam making equipment - inadequate supply of foam Incorrect selection of foam expansion - Ineffective against type of fire Personnel may be put in danger Foam may not have mixed prior to application Incorrect application of foam - contamination of foam Environmental damage Using Foam on non-approved areas

Risk Assessment Manager: [REDACTED]

Request A Review

Activity/Equipment being assessed:	Firefighting Foam
Reason for assessment:	Policy or Procedure Review
Risk Assessment Status:	Live
Directorate:	Service Support
Team:	
Date Original RA Created:	8/30/23
Date Original Published:	9/13/23
Review Last Created Date:	
Date Last Review Published:	9/13/23

Hazard Screening	Risk Assessment Matrix	Attachments/Comments	Health & Safety Section
------------------	------------------------	----------------------	-------------------------

Hazard Assessments

							Previous 1 Next		
Task	Haz. No.	Hazard & Associated Harm/Loss	Risk Group	Existing Controls	Severity	Likleyhood	Risk Rating		
Incorrectly selecting Foam as a firefighting medium for fire type.	1	Less effective firefighting method.	FF	Full training given on basic skills course. On going maintenance of skills training.	3	2	6		
Inadequate supply of foam	2	Inadequate supply of foam leading to poor fire attack.	[FF, DWFRS]	DWFRS procedure states as part of an incident commanders DRA and tactical planning, consideration must be given to resources and water/foam supply already mobilised against what might be needed to resolve the incident. Suitable provision is to be established before commencing firefighting.	4	1	4		
Dynamic Risk Assessment	3	Incorrect selection of foam expansion - Ineffective against type of fire	[DWFRS, FF]	Information, instruction, training and supervision. National guidance on foam applications. Technical documents for foam compound.	3	1	3		
Proximity to fire to use foam effectively.	4	Personnel may be put in danger	[DWFRS, FF]	Full Training given on basic skills. Ongoing maintenance of skills training. Full firefighting PPE when delivering Foam.	3	1	3		
Aiming branch at fire	5	Foam may not be sufficiently mixed prior to application.	[DWFRS, FF]	Full FF training on basic skills course, ongoing maintenance of skills training. Training and supervision through competency training.	3	1	3		
Aiming branch at fire	6	Incorrect application of foam	[DWFRS, FF]	Information from manufacturers technical data sheets detailing recommended application. Supervise, training of staff through maintenance of skills training.	3	1	3		
Use of Foam on an SSSI site	7	Damage/impact to wildlife and the environment.	[ENV, FF, DWFRS]	Operational Guidance document - Environmental protection. Use of synthetic Class A foam only within areas of SSSI specific to type of fire. Restrict use of foam to absolute minimum necessary to achieve extinguishment of fire.	3	1	3		
Use of Foam for training.	8	Using foam in non-approved areas.	[DWFRS, FF]	Operational guidance - environmental protection. Containment of foam product to allow to degrade naturally or dilute with water. Foam only to be produced at WMTC or approved wessex water treatment sites as per MOU. 2 sites North, 2 sites south.	3	1	3		
Foam use for training and exercises.	9	Contamination of watercourses.	[DWFRS, FF, ENV]	Operational guidance-environmental protection. Absolute minimum of foam to be produced to achieve learning objectives. As per MOU only WMTC or approved and risk assessed wessex water treatment sites to be used to produce foam for training as approved by wessex water and WO.	3	1	3		
							Previous 1 Next		



Risk Assessments

[Request a review](#)



[Back](#)

Risk Assessment Number: DWFRS 021/23

Version: 1

Risk Assessment Manager: [REDACTED]

[Request A Review](#)

Activity/Equipment being assessed:	Firefighting Foam
Reason for assessment:	Policy or Procedure Review
Risk Assessment Status:	Live
Directorate:	Service Support
Team:	
Date Original RA Created:	8/30/23
Date Original Published:	9/13/23
Review Last Created Date:	
Date Last Review Published:	9/13/23

[Hazard Screening](#) [Risk Assessment Matrix](#) [Attachments/Comments](#) [Health & Safety Section](#)

Attachments/Comments

[File Name](#)

[Back](#)

[Request A Review](#)



DORSET & WILTSHIRE
FIRE AND RESCUE

Risk Assessments

[Request a review](#)



[Back](#)

Risk Assessment Number: DWFRS 021/23

Version:

1

Risk Assessment Manager: [REDACTED]

[Request A Review](#)

Activity/Equipment being assessed:	Firefighting Foam
Reason for assessment:	Policy or Procedure Review
Risk Assessment Status:	Live
Directorate:	Service Support
Team:	
Date Original RA Created:	8/30/23
Date Original Published:	9/13/23
Review Last Created Date:	
Date Last Review Published:	9/13/23

[Hazard Screening](#) [Risk Assessment Matrix](#) [Attachments/Comments](#) [Health & Safety Section](#)

Comments:

Audit Date:

Audit Results:

[Back](#)

[Request A Review](#)