

FIRE FIGHTING FOAM TEST REPORT

IMPORTANT - REPORTS ATTACHED

FOR THE ATTENTION OF:

CONTACT: Mr. A Person

POSITION: 7654321

COMPANY: Acme Ltd.

LOCATION: Site 1

DATE: 25th May 2021

Number of pages (including this sheet): 3

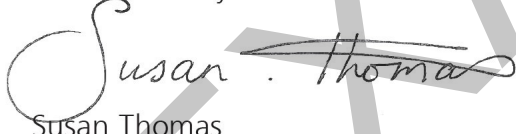
Please find enclosed our Test Report 12345 relating to your Produced Foam samples received on the 21st May 2021.

We would like to draw your attention to the comments made in the area of the test report marked **"conclusion"**.

Please note: the results of this analysis are solely representative of the sample(s) submitted to our Laboratory.

Thank you for placing your Foam Testing requirements with our Laboratory. Should you require any further information, please do give me a call on +44 (0) 1561 361515.

Yours sincerely



Susan Thomas

Foam Testing Laboratory, Oil Technics (Fire Fighting Products) Ltd

PS: We will retain your Foam Samples for a period of 3 months before disposal unless we hear from you.

If you have any queries regarding this report, please contact the Foam Test Laboratory:

Tel: +44 (0) 1561 360640 **Email:** susan@foamtesting.com **Web:** www.foamtesting.com

FIRE FIGHTING FOAM TEST REPORT

PRODUCED FOAM

CUSTOMER: Acme Ltd. CUSTOMER REF. NO.: 7654321
 LOCATION: Site 1 SAMPLE POINT: Port Foam
 FOAM TYPE: 3% Produced AFFF Type
 LAB. REF. NO. 12345 DATE: 25th May 2021

TEST RESULTS

TEST DESCRIPTION	RESULT
APPEARANCE	Clear colourless liquid
SEDIMENT (% v/v)	None
INDUCTION PERCENT MEASURED (% v/v)	3.3%

NOTE: Acceptable Ranges for Produced Foam

NFPA guidelines recommend that produced foam results be compared with the results obtained when your system was first commissioned.

The two internationally recognised commissioning standards are:

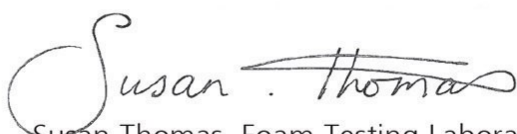
- > NFPA 11: 2021 Edition, Chapter 12
- > BS EN 13565-1: 2019, Section 5.3

The "acceptable ranges for proportioning percentage" found in these standards are the same:

PRODUCED FOAM	NFPA 11: 2021 & BS EN 13565-1: 2019	
1%	1.0 - 1.3%	"...within minus 0 percent to plus 30 percent of the manufacturer's listed concentrations, or plus 1 percentage point, whichever is less." <small>NFPA 11, 2021 Edition, 12.6.5</small>
3%	3.0 - 3.9%	
6%	6.0 - 7.0%	

CONCLUSION

The submitted sample has been tested and compared with international standards NFPA 11: 2021 and BS EN 13565-1: 2019 and was found to be in a **satisfactory** condition.



Susan Thomas, Foam Testing Laboratory

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SATISFACTORY

PRODUCED FOAM TEST REPORT GLOSSARY

The purpose of a Produced Foam Test Report is to determine the suitability and accuracy of a foam system's proportioning and induction equipment.

Each Produced Foam Test Report shows the calculated % induction obtained from the sample provided. This result is compared against the two Internationally recognised Foam Standards:

- > NFPA 11: 2021
- > BS EN 13565-1: 2019.

Results outwith these ranges means your foam sample will be deemed unsatisfactory.

TEST DESCRIPTION	WHAT IS THIS?
APPEARANCE	How the foam concentrate sample looks – checking for colour, visible sediment and homogeneity.
SEDIMENT	The measure of insoluble or particulate matter in the foam concentrate sample.
INDUCTION PERCENT MEASURED	Calculation of the % induction of the Produced Foam sample supplied. Evaluation is made by comparing samples made up at different percentages using the supplied samples of Induction Water and Foam Concentrate.

Note: the results obtained are based entirely on the samples sent which may or may not be representative.

WHAT SAMPLES ARE REQUIRED?

For each Produced Foam Test Report, we require:

- > **1 litre of foam concentrate**
- > **1 litre of induction water**
- > **0.5 litre of produced foam**

Free sample bottles are available on request - please contact us for further information or visit www.foamtesting.com