

Lastfire Foam Test Results

Manufacturer/Site

Fireade 2000 AR

Date:

Sep-10

Foam Concentrate Characteristics

Type:	Fireade 2000 AR (AR-AFFF)	pH at 20°C	N/A	S.T. at 1%	N/A
Concentration:	1%	S.G. at 20°C	N/A	Viscosity	N/A
Water type	Fresh	R.I. at 20°C	N/A		
Batch No.	Lot # 100209-FA2K/AR				

Foam Quality

Expansion

25 % Drainage Time

Semi-Aspirated	4	3'40"
Aspirated	5.5	4'59"
System	6.1	5'25"

Test Conditions

Ambient Temp: °C

Wind Velocity: m/s

Semi-Aspirated	20	<1
Aspirated	22	<1
System	22	<1

Fuel Type / Tank °C

Type	Fuel	Water/substrate
Heptane	21	21
	25	26
	29	28

Nozzle Calibration

Source

Specified

Actual

	Source	Specified		Actual	
Semi-Aspirated	Lastfire	19.0	lpm	19	lpm
Aspirated	Lastfire	17.0	lpm	17	lpm
System	Lastfire	11.7	lpm	11.7	lpm

Fire Performance Data

	Semi-Asp.	Marks	Aspirated	Marks	System	Marks
'Control' Time	4'59"	5	4'07"	5	4'30"	5
Extinguishment Time	7'32"	55	4'33"	65	8'43"	55
Torch Test @ 12min:	No Reig.	7.5	No Reig	7.5	No Reig	7.5
Torch Test @ 23 min:	No Reig.	7.5		7.5	No Reig	7.5
Burnback Resistance	0	<25%	15	<25%	15	
Overall Rating	75	ACCEPTABLE	100	GOOD	90	GOOD

Notes / Comments

Test Reference LFRRevB-10-010

Signed: N. Re

For Resource Protection International
Lastfire Project Co-ordinator