

# WHAT EXPERTS ARE SAYING ABOUT FLUORINE-FREE FOAM

“We did head-to-head live fire testing of foams and chose our fluorine-free foam because it was effective for multi-class fires, and it had the benefit that it didn’t have deleterious effects on fish and it was biodegradable. We have never seen a fish kill from use or accidental discharge of this product. It has been a very effective product for firefighting and it’s less costly. Even though some of these new foams cost more per gallon, it’s a quarter to a third cheaper when it’s diluted for use. We saw a big cost savings and we’re ahead environmentally.”

— **Captain Kurt Plunkett, Seattle Fire Department**

“In our testing, driven by end users and not foam companies, we have achieved good performance with fluorine-free foam on fairly large hydrocarbon fires. We have extinguished 35 foot diameter tank fires with fixed systems and Monitor attack using fluorine-free foams at standard NFPA application rates. Some companies have already adopted the use of fluorine-free foams for certain types of incidents at refineries and tank farms. It is incorrect to say this foam will not work but LASTFIRE recognises that further work is required to assess their performance for some major scenarios—as indeed is the case for some new generation C6 based products.”

— **Niall Ramsden, LASTFIRE Project Coordinator**

“We need all Fire Department leaders in the United States to step up and get educated on the topic of fluorine versus fluorine-free foams immediately. There are many ICAO Level B fluorine-free products being effectively used throughout the world and I am curious why we in this country are holding out against making this necessary change. Our peers in Europe are years ahead of us on this subject and I have personally witnessed fluorine-free foams in use that I feel totally confident in and if the FAA would approve some of these products, my airport would be interested in switching over to a fluorine-free foam at the earliest opportunity.”

— **Randy Krause, Fire Chief, Sea-Tac International Airport**

“Since purchasing our fluorine-free foam, we have used it on 2 separate aircraft fires (an A321 and a 787) and it worked perfectly.”

— **Graeme Day, Fire Services Compliance Manager, London Heathrow Airport**

“My experience is that fluorine free foam works flawlessly. We have used it in two major incidents, and we are using it for training purposes on a regular basis. When it comes to the extinguishing capability of the fluorine free foam, there are, from my point of view, no differences compared to the old AFFF foam containing PFAS.”

— **Lars Andersen, Fire Chief, Royal Danish Air Force**