

Fire Safety Training Comparison Guide

Immersive fire extinguisher training vs live fire extinguisher training

	Workplace Safety – Fire	Live Fire Extinguisher Training
Cost	Lower cost training solution, negating the need for live fire equipment, refills, high logistical expenses, etc.	High cost due to permits, equipment, fuel, extinguisher refills, and safety oversight
CO ₂ Emissions	0 emissions	CO ₂ and chemical discharge during each live fire training event (the average live fire training session emits 150 kg CO ₂ from fuel and 1.4 kg CO ₂ from water extinguisher use)
Water & Resources	No water, foam, or powder required	Uses real extinguishers, water, and chemicals; contributes to environmental waste
Human Risk	Safe simulation with no exposure to heat, fire, or chemicals	Exposure to real heat, smoke and chemicals
Business Disruption	No site setup or operational interruption; can run onsite in any 3x3m indoor space	Requires evacuation zones, safety checks, and can be disruptive to business operations
Realism	Immersive scenarios that replicate real-world fire emergencies in a safe and controlled environment	Real fire and physical suppression, but limited in scenario variety providing training for one fire type only
Space Required	3x3m space needed; fits in a meeting room	Requires large outdoor space or fire training ground
Logistics	Portable, quick to deploy; no site prep required. Lightweight and portable for ease of transportation between locations	Needs permits, extinguisher refills, fire safety officers, and setup/cleanup time. Difficult to transport between locations
Compliance & Reporting	Automatically tracks completion, performance, and reporting digitally with Capture for ease of compliance and auditing	Lacks digital tracking and requires manual reporting
Scalability	Easily scalable across sites and teams	Logistically difficult to scale
Training Consistency	Deliver consistent and repeatable training	Live burns vary by instructor, weather, and setup
Knowledge Retention	Higher retention due to immersive repetition and feedback	Retention limited by one-off nature and stress of live fire

With Workplace Safety – Fire (WSF), you can immerse your team in realistic scenarios that build real-world skills, safely, cost-effectively, and without the risks of live fire. Ready to transform your fire safety training? Contact us at info@flaimesystems.com.