

Dry Chemical

Quick, Easy, Accurate & Independent

Introduction

NFPA requires dry chemical agent be thoroughly checked for property type, contamination, and condition prior to reuse and topping off. IMO 1432 also has strict moisture requirements and requires testing every 2 years.

Laboratory

Our laboratory uses a variety of analytical techniques to test your dry chemicals to make sure they will perform effectively in a fire situation. The testing is designed to help you meet various inspection, testing, and maintenance requirements in one or more of the standards listed to the right.

Certifications

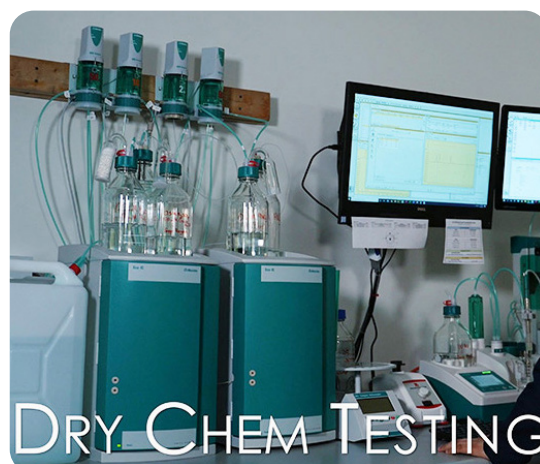
Dyne Fire Protection Labs is certified by the International Standards Organization ISO 9001 Standards for Quality Management System.



Dry Chemical sample kit

Standards

- NFPA 10 for Portable Fire Extinguishers
- NFPA 17 for Fixed Dry Chemical Systems
- IMO 1432 for Fire Protection Systems
- OSHA 29 CFR 1910.161(b)(4)



Dyne Fire Protection Labs offers the following analysis for dry chemical agents:

Moisture Content

High moisture content can lead to caking of the agent, resulting in inadequate flow of the agent through the equipment, and/or corrosion of the storage vessel, potentially compromising its integrity.

Chemical Composition

A chemical composition other than that listed with the equipment and hazard may not work as designed. Mixing of different types of agents can lead to a chemical reaction that produces byproducts of water (increasing agent moisture content) and carbon dioxide (increases vessel pressure to dangerous levels).