

FirePro.

Theoni Water

Location: **Europe** Dealer: **FirePro Hellas S.A.** Application: **Electrical Panels** Industry: **Processing**



A.H.B. Group S.A. is the owner of the renowned Theoni Natural Artesian Water which is bottled in an ultramodern manufacturing plant in Europe. The company operates under stringent international standards based on (ISO 22000:2005) Quality Assurance Systems. In 2016, Theoni was given the “Best Bottled Water in the World” award by the renowned Berkeley Springs International Water Tasting committee.

FirePro Systems Used

FP-20SE

FP-40S

FP-80S

FP-200S

Risks Involved & Consequences

A.H.B. has the exclusive rights to commercially exploit an underground natural mineral water source from which Theoni is bottled. It is done on-site to abide with the European directives that prohibit any treatment or disinfection of natural mineral water. No activity within a certain radius that may pollute the spring is allowed to ensure there is a shield from microbial loads. Protection against the fire risk for mission critical equipment in this special processing plant requires a system that is not only both effective and efficient but one that is also friendly to the environment.

The Task

Design, supply, install and maintain a bespoke fire detection and suppression system that is able to actively protect the facility's mission critical electrical panels and other electrical equipment against potential fires that may be caused by short-circuits or other faults; a potential fire escalation scenario can lead to unforeseen collateral damages, disrupt production processes and quite possibly cause reputational damages. Furthermore, system long life-span and minimal maintenance requirements are deemed added bonuses.



Why FirePro?

FirePro is protecting thousands of mission critical equipment, such as electrical panels, all over the world. This is partly because this smart and flexible fire suppression system enables its connection to both conventional and addressable fire control panels and BMS. What is more, the FirePro FPC compound is safe for the environment and thus does not contribute to water contamination in a possible fire extinguishing situation. Moreover, the FirePro condensed aerosol generators utilised within the panels have a 15-year product life and low maintenance load thus maximizing ownership benefits and value.

Results & Implementation

FirePro condensed aerosol generators were installed inside the electrical panels to most effectively fight a potential fire threat and its negative side effects on operations. Each electrical panel has its own fire detection and suppression system, so if fire is detected, the system autonomously activates to eliminate it. The premises are now protected with an environmentally friendly solution that works in enhancing the brand's overall standing.

