

FIREPRO Railway Application references



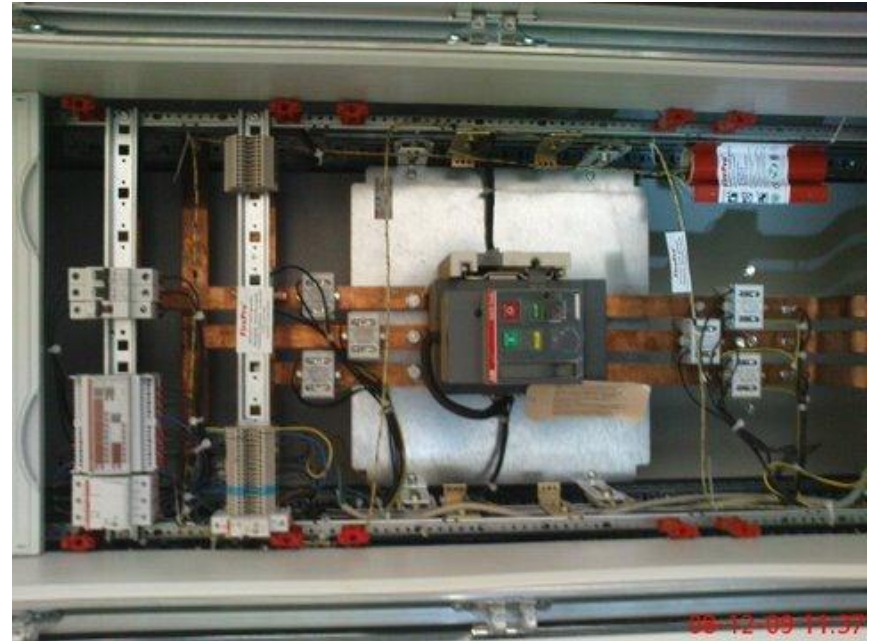
FIREPRO Railway Application references

- FirePro systems were tested and approved and supplied to Pro-Rail Dutch railway organization for the protection of switchboards, telecom and control equipment.
- In Poland FirePro systems were installed for the Polish Railway Company in their infrastructures such as control rooms located in stations houses and also for the protection of containers with control equipment located along railways.
- In Italy the local railway organization ‘Treni Italia’ has approved and installed FirePro systems for the protection of electrical and electronic equipment on board of locomotives.
- In Spain FirePro systems are used by the train Manufacturer CAF in protecting various electric and electronic equipment, such as the inverters.
- In India FirePro systems have been approved by the local railway organization for the protection of signal equipment, relay and RRI rooms.
- In Hungary FirePro systems were extensively tested by the Hungarian Railway in real fire scenarios and are used for the protection of control equipment in various locations.
- TCDD (Railways) projects in Turkey; FirePro systems have been tested and approved for the protection of a Wagon Tracking System, newly developed.
- Sao Paulo, Brazil, Metro projects, used for the protection of control cabinets.

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ProRail

FirePro OPS
T.a.v. de heer Reijns
Postbus 1557
5900 RR Oud-Beijerland

Datum: 1 december 2008
Onderschrift: FirePro-capsules
ICWww: PW2008/H20515745

Bewaakt door: Gabby van Meer
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Dear Mr. R.G.C. Reijns,

Infocmanagement
Regie Noord-Oost,
P.O. nummer 9

In regard to your request to confirm the use of FirePro capsules in Dutch Railway technology, I'll be happy to help you.

Besluitadres
Belaagdepost
11000000 20
0017 02 2000

Recently we've analysed the effect of the unplanned unavailability on our (end)customers, the train-travelers. We determined that the impact of an incidental major failure leads to much more damage to our image than several minor disturbances which we can repair within a couple of hours maximum.

Postadres
Postbus 510
8000 AM Zwolle

Before this, in regard to our maintenance-concepts and investments, we mainly focused on the outcome of the multiple "Clearance" lines "Direct".

www.prorail.nl

After the analysis we realize that it's better to focus on the prevention of failures with a, however small, chance, a big effect on the availability of the tracks.

FirePro fits this vision on risk-management perfectly. Although it will not prevent a possible fire, it will keep the effect of the fire very limited. More precisely, We are impressed with the ability of your smaller sized products to protect locally and independently a likely source from which a fire may occur and most fast (spread), therefore limiting the damage that may ensue. This affords us the flexibility to protect small volumes, thus avoiding the unnecessary orientation of large volumes where risk assessment points to very low probability of fire occurrences.

FirePro, and FirePro alone to our knowledge, meets every (European) standard required that is necessary to install it in fire installations. All other formulas we've looked at in the past years were not fit for use and introduced higher risks (and discharge) than they covered. Therefore our installations were unprotected in regard to fire-damage. In the past 10-15 years in Holland and Belgium railways 8 major burn-out's occurred leading to partial shut-downs for several months. In this day and age I'm afraid an incident of this size would no longer be accepted by Dutch government.


FirePro requires no special maintenance and since we're able to combine it with existing inspections, the use of FirePro will not lead to an increase in our maintenance costs.

I hope my opinion on the use of FirePro in our switchboards, telecom- and control-equipments can help you to carry out the innovative FirePro-product which I fully support.

Best regards,

G. J. P. van Meer
Manager Planned Maintenance ProRail

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„INTER SPEED” P.H.U.P. Sp. z o.o.

L. dz. 10/03/09 Gdynia, 5-03-2009

To whom it may concern

Subject: Protection of Polish National Railways infrastructure with FirePro Aerosol Fire Extinguishing Systems

We are pleased to confirm, that we designed, delivered, supervised the installations of fire protection systems with application of aerosol generators produced by Messrs. FirePro Systems Ltd. of Cyprus for Polish railways infrastructure e.g. control rooms located in railway stations and also protection of signaling/control rooms/containers with control equipment located along railways.

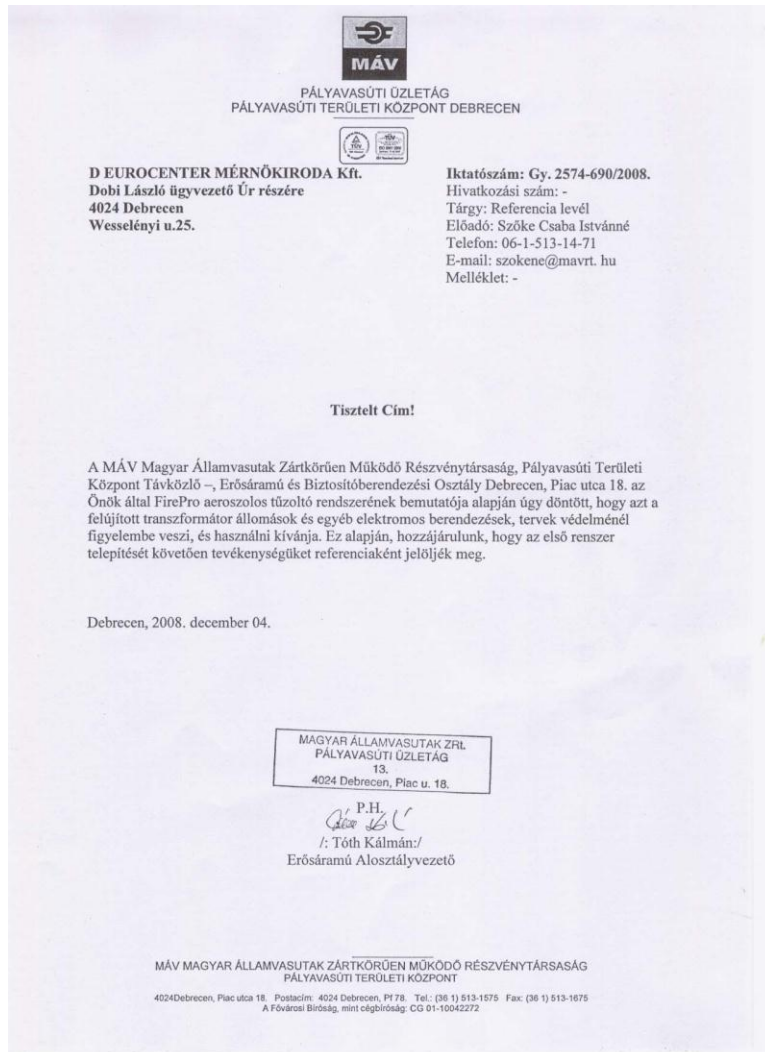
The activity started about five years ago and still continues up to now on renew/modernized lines of Polish National Railways.

For INTER SPEED P.H.U.P. Sp. z o.o.
Andrzej Mikołajczak
Dyrektor ds. Zabezpieczeń P.Poż.

Informacje techniczne dostępne „on line” i do pobrania na stronie WWW.interspeed.pl

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MÁV (Hungarian Railway Company), Regional Headoffice, Debrecen

MÁV, the Hungarian Railway Company, Regional Headoffice – Telecommunication-Heavy Current and Safety Equipment Division, after the demonstration on the Firepro Aerosol Extinguishing system, has decided to install the system in the refurbished transformer rooms and other electrical devices. Based on this, I contribute in using this first installation as reference.

Debrecen, 4.12.2008