



Presentation of the company BONPET d.o.o.

BONPET d.o.o. is a comparatively new company which in 1999 bought a licence for manufacturing of an automatic extinguishing ampoule Bonpet from a Japanese partner and thereby acquired the right to sell it in the entire European market, in USA and in Latin America.

In the year 2000 we commenced the production of the ampoules in Trbovlje /Slovenia in the premises of the former factory Peko.

As the manufacturer of Bonpet ampoule we wish to present herewith its main features:

- Automatic triggering of extinguishing which enhances the efficiency of extinguishing all commencing fires in houses, enterprises, in vessels etc. thereby protecting lives and property.
- The ampoule may be thrown into the fire (which eliminates the human factor of panicking or confusion)
- The ampoule is the only extinguisher in the world which is not affected by the human operator and does not depend on technique. The design is aesthetic and reminds of a lamp.
- It does not cause collateral damage while extinguishing the fire. The remnants are cooking salt which makes it safe for people and environment
- Long life expectancy (10 years) and no maintenance required
- Simple fitting
- Insurance cost discount (5% with the Insurance Company Triglav)
- In Slovenia attested by the Zavod za gradbeništvo (Institute for Civil Engineering and Construction) in Ljubljana (P 653/99-530-2: extinguishing of burning oil fire in the kitchen, P 651/99-530-1: extinguishing of the fires caused by inflammable liquids)
- The first kitchen fire was extinguished in Postojna in 1999, in 2001 a burning country cottage near Novo Mesto and in 2001 a kitchen fire in Maribor was extinguished
- The most frequent places for fitting the ampoule are kitchens and central heating fire places for households and servers in permanent operation, archives,



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tea kitchens, canteens, distribution boxes, transformers, laboratories, compensation cabinets, in security staff rooms.

- In April in 2001 we received the technical agreement Nr. URSZR GS 01 02 01 00, issued by the Republic of Slovenia Ministry of Defence – Department for Protection and Rescuing

On the basis of testing we decided as manufacturers of the highly efficient Bonpet liquid to develop two new products i.e. a built in extinguishers Bonpet and a portable extinguisher with Bonpet liquid.

BUILT IN EXTINGUISHER OPERATING AT LOW PRESSURE

The prime objective of a built in extinguishing facility is protection of property particularly in cases of large, open air and fire hazardous surfaces.

It is intended to extinguish the fires of class A (solid substances) and class B (inflammable liquids).

As fire extinguishing substance Bonpet liquid is used which is classified among special extinguishing substances.

The built in fire extinguishing facility is according to the design classified among drenching systems. This categorisation is a result of a mode of erection. The way it works however rather differs from the drencher systems (the liquids being poured over the burning objects). Due to the extraordinary fire extinguishing capacity of the extinguishing substance there is a surprisingly small quantity of Bonpet liquid in the pressure tank.

The facility is classified among low pressure systems with operating pressure of up to 5 bar.



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RECOMMENDATION WHY TO CHOOSE THE FACILITY WITH SPECIAL EXTINGUISHING LIQUID BONPET

- High extinguishing potential of a comparatively small quantity of Bonpet liquid
- The liquid is bio-degradable, no stress on environment
- The prices of the system are acceptable (materials with low 7,5 bar test pressure)
- Extinguishing without sealing the areas of fire (as opposed to the extinguishing substance CO₂)
- The extinguishing may start without prior evacuation of persons
- A protective film is formed on the extinguished surfaces which prevents the re-igniting
- It is technically not demanding and has inexpensive maintenance
- Proved efficiency in extinguishing the simulated fires in painting chambers, on inflammable liquids and transformers.
- The extinguishing liquid Bonpet is harmless for humans and environment (certificates that it is irreproachable)

PORTABLE EXTINGUISHER

As mentioned above a Bonpet liquid filled portable extinguisher highly efficient at a small quantity of liquid has been developed.

A number of products are being developed for the use in fire brigades.

Yours faithfully,

Manager :
Matej Škerbic



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USERS MANUAL OF AMPOULA BONPET

Fire extinguisher liquid BONPET could be very effective used in rucksack containers for fire fighters which are usually used to fight against the fire in the nature (in forests, meadow).

For that purpose the mixture with water (10%) is used.

Most common use of ampoule Bonpet is:

- Mines in Slovenia, Croatia, Slovakia, Serbia and Montenegro, Bosnia and Herzegovina, Indonesia. The are set at: laboratories, tea kitchens, computer rooms, telephone exchange, transformer, cellars, engine-rooms, storages
- Electro economy: in room with computers, telephone exchange, transformer, cellars, engine-rooms, storages.
- Oil industry: at room with computers, telephone exchange, transformer, cellars, engine-rooms, storages
- Boats

More information's you can get in User's manual in Automatic fire extinguisher Bonpet Files.

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