

EXPERIENCE THE ADVANTAGE OF THE SPECIALIST!

Benefits and advantages. These are the key issues within EWS. You can rely on our expertise in the field of fumigation. Designing a good fumigation strategy is thinking ahead. Do you prefer the benefits of the specialist? Then choose for expertise in fumigation, monitoring, degassing and gasfree measurements. You also choose for the service of short communication lines, craftsmanship and a 24 Hr service. Try and let the benefits lead you.

Expertise

gas measurements, degassing, fumigation

- vessels
- cargo containers
- bulk cargo
- silos and stacks
- railcars
- trucks



Reachability

- ship cargos
- factories
- airplanes
- barges, yachts
- antiques, furniture
- quarantine fumigation
- dunnage/ISPM 15



Service

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Fumigation, low oxygen & bio-treatments

Fumigation is a technically complex and specialized form of pest control. Treating infected stocks with the conventional liquid pesticides is often prohibited or technically unfeasible. Therefore, fumigation is often the best alternative treatment. One can choose for a fumigation with toxic gases such as phosphine, sulfuryldifluoride or hydrogen cyanide or for a biological treatment with inert gases such as carbon dioxide or nitrogen. Even organic supplies can be treated against pests and insects in a healthy and environmentally friendly way without losing their organic status.

The choice of treatment technique, the type of gas and its concentration depends on a range of parameters such as: the nature of the product, temperature, gas tightness of the objects and especially the available fumigation period. One hundred percent fumigation result with a zero damage is not always obvious, but due to the continuous training, thorough background knowledge and experience of the fumigation manager, the risks and operational responsibilities can be estimated.

The fumigation managers of EWS have a broad international experience in fumigating all kinds of import and export cargo such as grains, oilseeds, nuts, tobacco, cocoa, coffee and rice. EWS also fumigates houses, industrial buildings, yachts, silos, museums and art on a regularly bases.

How do we work?

After receiving the order, the fumigation manager will make a legally required fumigation plan based on a technical inspection. The fumigation manager will also inform the relevant authorities and obtain the needed authorizations. During the implementation period, the fumigation manager will be responsible for all activities mentioned in the fumigation plan in accordance to the legal requirements. After fumigation all the required reports, gas free certificates and paperwork will be sent.



EWS
FUMIGATION & HEALTH
PROTECTION SERVICES

www.ews-fumigation.com

THE ADVANTAGE OF THE SPECIALIST

Our services

Fumigation, low oxygen and bio-treatments

Fumigation in Belgium, the Netherlands, Luxembourg and Germany with the legally allowed gases.

- Phosphine fumigation of goods in storage, in silos, in containers or other means of transportation
- "In Transit fumigation of vessels - fumigation of cargoes during the voyage.
- Sulfuryldifluoride fumigation as a wood preservative in e.g houses, public buildings, yachts and antiques.
- Sulfuryldifluoride fumigation of flour factories (hydrogen cyanide fumigation in Luxembourg).
- CO2 fumigation on organic commodities.

Risk Inventory and Evaluation (RI&E)

Stripping a container, in which the level of residual gases is unsafe, could be a threat to one's health. It is therefore necessary to make a Risk Inventory and Evaluation (RI&E) for each container and to link this to a balanced monitoring strategy. A professional monitoring and checking system can prevent health risks and accidents caused by highly toxic fumigants.

Monitoring of residual gases and gas monitoring report

All residual gases, issued by the Dutch regulatory authorities, will be monitored by EWS. This could be fumigation gases or gases used during production. If no increased levels are detected, a gas monitoring report will be issued with the advice: "safe to be unpacked".

Identification of residual gases

When unknown gases or vapors are monitored in the container, which are not listed by the Dutch regulatory authorities, EWS can, on demand of the customer, identify this gas in our laboratory. We will take samples of this gas and the samples will be analyzed by gaschromatografie. Based on these results our experts will give you a professional safety advice.

Removal of residual gases

Containers fumigated with phosphine (PH₃) often contain solid residues of the fumigant. When these are present, we can remove and dispose them in according to relevant legislation.

Forced ventilation using NORDIKO® systems

It is necessary to ventilate when the measured levels exceed the MAC-value. An open-door ventilation can take days. Forced ventilation, with or without the use of a filter, is an economical choice. For forced ventilation, EWS uses patented NORDIKO® VENTILATION & GAS RECAPTURE SYSTEMS.

Monitoring for customs on site

Once customs have selected your container for a check on site, a gas monitoring report is obliged. As stipulated by custom's, this report may not be older than two hours. We can offer you our complete services (monitoring and degassing) on site.

"In transit" gas measurements and degassing on inland terminals.

EWS will conduct all activities in a fenced area, guarded with a surveillance camera. Throughout the procedure the containers will remain sealed. The exchange of the doors and seal will be registered on camera.

In the fenced area we will continuously measure the presence of residual gases.



www.toxfreecontainer.com

THE ADVANTAGE OF THE SPECIALIST

FUMIGATION, LOW OXYGEN AND BIO-TREATMENTS