

Fumigating grain storages with phosphine

Fitzpatrick, K.*#

Nordiko Quarantine Systems Pty Limited, Level 2, 403 Pacific Highway, Artarmon NSW Australia 2064

*Corresponding author, Email: kfitzpatrick@nordiko.com.au

#Presenting author, Email: kfitzpatrick@nordiko.com;.au

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Abstract

Nordiko has been recapturing fumigant gases for 15 years, including recapture and degrading of phosphine. New techniques have been developed and scaled to large silos and warehouses. We also are faced with constant tightening of regulation by authorities at international levels on uncontrolled release of toxic substances. This trend will continue, coupled with pressure from Health Regulators to provide more stringent standards when dealing with worker and bystander health. Nordiko's recapture process for PH is simple, manageable, and able to meet extraction time requirements while meeting maximum site emission regulations. Gas can be recaptured from shipping containers, tents, and fixed storages.

Keywords: Montreal Protocol, methyl bromide, Quarantine & Pre-Shipment, phosphine, grain storages, Nordiko, recapturing fumigant