Case Study

Finnish Defence Forces

Locations
All garrisons in Finland

Needs
Provide Nitrogen for testing, firing and storageing

Applications
Eurospike missiles

Lasergas Product
- Mobile nitrogen generator

Overview
Finnish Defence Forces needed to provide ultra-pure nitrogen for Eurospike missiles. Nitrogen is used to cool the infrared detectors of the missiles and for testing and storageing purposes. Finnish Defence Forces looked for reliable and easy to use system, unreliabe cylinder gas was out of question. They made tests and turned to Lasergas Nitrogen Generators.

Challenge
Finnish Navy and Army acquired Eurospike missiles and needed reliable source of Nitrogen in order to cool infra-red sensors in them. They needed ultra-pure Nitrogen while ensuring its availability all the times. Although Nitrogen was available in commercial bottles, this was regarded too unliable and impure solution. Missiles testing and storrage consumes so much Nitrogen that own generator systems were only reasonable solution.

LaserGas solution
Convinced that a Nitrogen generator was the most convenient and secure way to supply Nitrogen, Finnish Defence Forces looked for supplier. They selected LaserGas Ltd's Nitrogen Generator as the best choice.

Benefits of LaserGas Nitrogen Generator

- Extremely cost-effective compared to cylinder gas
- Can be tailored to match specific requirements
- Minimal servicing requirements
- Can operate also indoors, such places as hangers bunkers, etc.
- Very safe to use and operate

About LaserGas
Laser Gas Ltd manufactures oxygen and nitrogen generators and controlled atmosphere systems, based on Pressure Swing Adsorption (PSA) or membrane technology. Extracting oxygen or nitrogen directly from the air, Laser Gas compact on-site systems are a cost-effective alternative compared to pressurised cylinder gas in many applications. The nitrogen generator can achieve a maximum purity of 99.9999%, which is the highest possible. Laser Gas Ltd is located in Finland. The company operates out of a multi-facility complex that includes administration, engineering, marketing, product support, test and manufacturing departments.

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