

Reliable System for Flare Gas Ignition

For Oil & Gas Producing Facilities and Petrochemical Plants

Reliable System for Flare Gas Ignition



IGNITION SEQUENCE

The ignition system guarantees ignition in all weather conditions. There is no electronic equipment or movable parts located in high heat radiation areas, making the system reliable and easy to maintain.

The ignition system will deliver a cascade of sparks over the flare tip to ignite the released gas.

The ignition pellet is launched through a guide pipe to the flare tower. The pellet bursts and generates a shower of sparks when exiting the guide pipe.



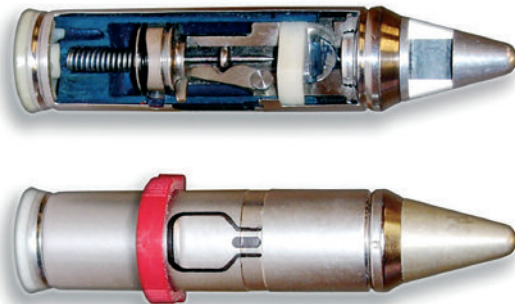
FLARE GAS IGNITION CABINET FOR AUTOMATIC OPERATION

The resulting shower of sparks is directed towards the flare tip and instantly ignites the gas cloud. The system is designed to operate for flare towers up to 2000 meters from the launching unit. The pellets are safe to handle and are stored in a magazine in the launching unit.

BASIC SPECIFICATION:

Launching medium:	Compressed air
Launching pressure:	5-7 bar (110 psi)
Launching range	up to 2000m+
Ignition pellet: -L x D	100mm x 20mm
weight	80 gram
Min. bending radius:	3,6 m

The Safe Ignition System has been designed by Hamworthy T&P, Techno Consult AS and Raufoss Technology AS and is protected by Norwegian and International patents.



IGNITION PELLETT

Hamworthy Technology & Products is a product supplier for the oil & gas industry's with focus on increased production with minimum effect on the environment. Hamworthy T&P aims to be a leader in the development of environmentally friendly technology

Hamworthy T&P is a Norwegian supplier of equipment and systems to oil and gas installations worldwide and are specialized on oil, water and gas processing. Our technology focus on the separation of oil and water as well as gas recovery, gas conditioning and gas conversion. Our main technologies are patented, such as our technology for electrostatic coalescence (VIEC), zero continuous flaring on oil- and gas production plants and zero emission technology for floating production units.

Hamworthy Technology & Products AS

Visit adress: Sandslihaugen 1, 5254 Bergen, Norway
 Postal adress: PO. Box 144, 1371 Asker, Norway
 Tel: +47 815 48 500, Fax: +47 61 13 96 01/02,
 E-mail: htp.sales@hamworthy.com, Internet: www.hamworthy.com

