



HYDROSHIELD IN AND AROUND LIFE FLARES

The Hydrosshield system is a proven method of making areas within and around a flare structure accessible for maintenance, inspection and other activities.

For every location and every project, a dedicated system will be engineered. The system is fueled by a water bag, which contains enough water for the required emergency situation. High pressure pumps distribute the water to the nozzles, which are located close to the flare tip.



PROJECT

- ✓ ENGINEERING
- ✗ PROCUREMENT
- ✓ INSTALLATION

Client

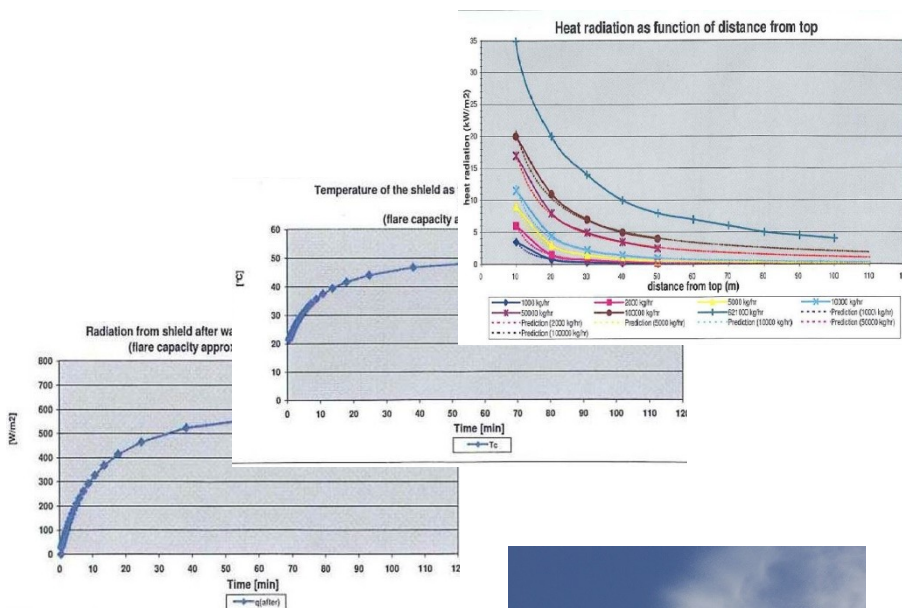
Operators of onshore refinery and petrochemical plants

Project Name

Hydrosshield



Picture: Mechanical activities can take place in and around the flare stack with a hydro shield.



Picture: Extensive studying is required.



Picture: Hydroshield in operation.

BASICS

Typical project specifications for the use of the Hydroshield system:

- In or close to the flare structure
- Heat protection required for emergency situations
- Maintenance and Inspection projects
- Project duration of more than 2 weeks

SYSTEM

The system includes:

- Water bag
- Two high pressure pumps for redundancy
- Two generators
- One water pipe or hose
- Nozzle set
- Several manifolds

The system is operated by a team of two operators.

ENGINEERING

- Study of radiation
- Work methods
- Installation method
- Safety engineering
- Contingency planning

**"SAFETY OF PEOPLE
AND EQUIPMENT IS OF
PRIMARY CONCERN"**