

# Flaring

The most important safety component of the flare stacks at Dow Terneuzen



Along with steam at high temperatures, Naphtha and LPG are separated (“flared”) in our flare stacks into various substances: ethylene, propylene, butadiene and benzene.

## What is it?

The safe and responsible venting and burning off of an excess of flammable gasses (hydrocarbons)

The combination of hydrocarbons and steam to be flared ensures:

- clean and full burning off
- clear flame
- humming noise
- no harmful substances in the atmosphere

CO<sub>2</sub>  
AND WATER  
VAPOR

ORGANIC  
RESIDUES

CONTROLLED  
BURNING OFF  
OF GAS

GASES AND  
WATER VAPOR



## When?

- During larger process disruptions
- When a factory is shut down or starts up (for example, due to a major maintenance shutdown)

## Safety and environment

- The flaring process is controlled non-stop by our experts in accordance with strict standards
- No extra risk for the environment and the public health

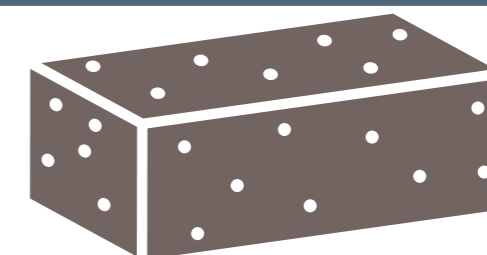
**Manufactures raw materials for, among other things:**



(FOOD) PACKAGING



COATINGS



FOAMS FOR, AMONG OTHER THINGS, INSULATION MATERIAL, MATTRESSES AND CAR SEATS



PLASTIC DRINK BOTTLES