

# Application**brief**

**Eclipse Product:** TFB-CGO  
**Submitted by:** Guy BLONDEAU / Mike DEBIER  
**Application:** Destruction of ammunitions  
**Fuel:** Light-oil  
**Capacity:** 700 kW  
**Operating temperature:** 500°C  
**Customer:** New Lachaussee/Belgium

**Background:** **Destruction of ammunition**

This unit is designed to destroy bullets up to .50 caliber by submitting them to a temperature ranging from 400 to 500°C. Larger calibers are transported one at a time on a conveyer, while smaller calibers are transported in complete boxes.

The unit is installed in Saudi-Arabia

Another unit is expected for larger calibers.

**Description:** The unit consists of a hot gas generator fired by one 166-48TFB-CGO rated at 700 kW. The system includes the generator, the combustion air supply, the oil line with ratio control, the propane pilot and the secondary dilution fan. You will notice the large capacity of the dilution fan. This is required to keep the process temperature under control (by tempered cooling) when the bullets are exploding.

**Flow-sheet and pictures:**



