



CONCEPT ADR AT **EX**

EQUIPMENT MOUNTED ON CHASSIS-CAB WITHOUT AUXILIARY ENGINE

In conformity with ADR 2009 and ATEX
(directives 94/9/CE and 99/92/CE)

For hazardous wastes which can be carried in tanks L4AH-S4AH and
products which may generate explosive atmospheres

The approval requires :

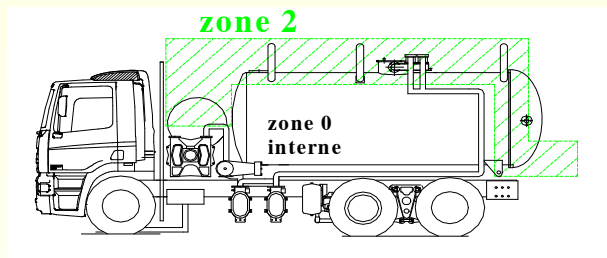
- Functional analysis of the equipment
- Classification of the zones with explosion risks made by a notified organization
- Analysis of the electric and non electric ignition sources (accord. to norm EN13463 about the drive system of the pumps, the circuits, the equipment, etc...)

Different ATEX zones :

Zone 0 : Explosive atmosphere, permanently, during long periods or frequently present.

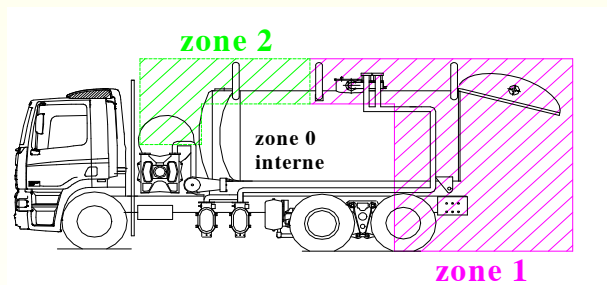
Zone 1 : Explosive atmosphere which may occasionally appear in normal work conditions

Zone 2 : Explosive atmosphere which may appear in abnormal work conditions



Example 1 :

Suction works or tank discharge under pressure with closed rear door.
The vacuum pump is driven by the truck engine.



Example 2 :

Tank discharge with tank tipping and open rear door.

The truck engine must be stopped, the hydraulic functions are driven by an independent EX-protected power source mounted on the equipment.

EQUIPMENT FEATURES :

**INERIS 04 ATEX 7044X
EX II 2 / 1 / 3G IIB T3**

Can be mounted onto 19 tons, 26 tons or 32 tons chassis-cabs

Tank capacity from 8 to 15 m³ (possibility of multi-compartment tank)

Opening rear door with hydraulic locking

Suction unit or combi unit mounted on a frame

Water ring pump Alphatex , 1600 m³ at 0.6 bar depression, certified EX II 1G, zone 0 internal)

Water pump for low, high or very high pressure, power from 25 to 180 hp, with hose reel

ATEX control panel located at the rear part of the equipment

Hydraulic tank tipping

ATEX flashing lights and work lights...