4. LADDER, HANDRAIL, UPPER WALK-WAY

WHAT IS IT?

Equipments that allow the driver to climb on top of the truck and prevent any fall.

WHERE TO FIND IT?

On top of the tank : handrail and upper walkway.
In the back or in front of the tank: the ladder.

WHY IS IT IMPORTANT TO SAFETY?

A fall from the top of a truck can be fatal.

WHAT TO CHECK

The equipments should be in good condition (easy to manipulate, strong when set, not rusted).
The handrail should be strong and in good condition.
Walkway should be free of any obstacle, not slippery.

WHICH DECISION TO TAKE

For any default noted, **the truck must be rejected**.

4. LEAKS

WHAT IS IT?

Product flowing out of a valve, a pipe, the tank.
Any leak is to be considered because a small leak can become a large leak instantaneously.

WHERE TO FIND IT?

Leaks are found on the tank, along the pipes and at the valves (do not forget to check bottom valves below the tank).

WHY IS IT IMPORTANT TO SAFETY?

As soon as product is out of its container, it can meet an ignition point or pollute environmentally sensitive points.

WHAT TO CHECK	WHICH DECISION TO TAKE
A perfectly tight tank. No leaks on valves and pipes, whether it is before, during, after the load. All valves should be equipped with caps. Caps must be replaced after loading.	If any apparent leak is detected, even small, **the truck must be rejected**. If the leak is detected while or after loading, the truck must be offloaded before leaving the depot.

4. BOTTOM VALVES

WHAT IS IT?

It is the 1st of the 3 safety devices that contain the product inside the tank.

WHERE TO FIND IT?

Bottom valves are found below the tank.

WHY IS IT IMPORTANT TO SAFETY?

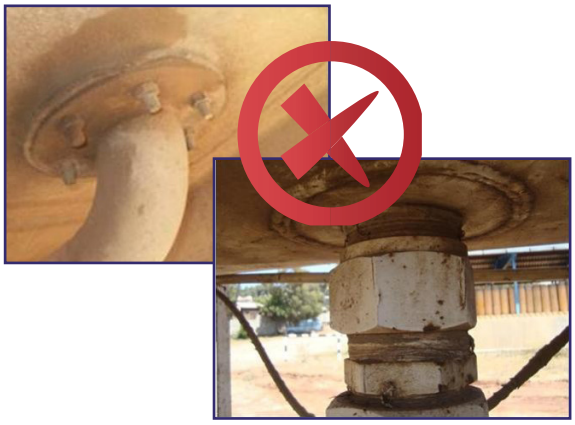
As soon as product is out of its container, it can meet an ignition point or pollute environmentally sensitive points.
The bottom valve is the most reliable of the 3 safety devices that prevent product from leaking, especially with the emergency cut-off switch.

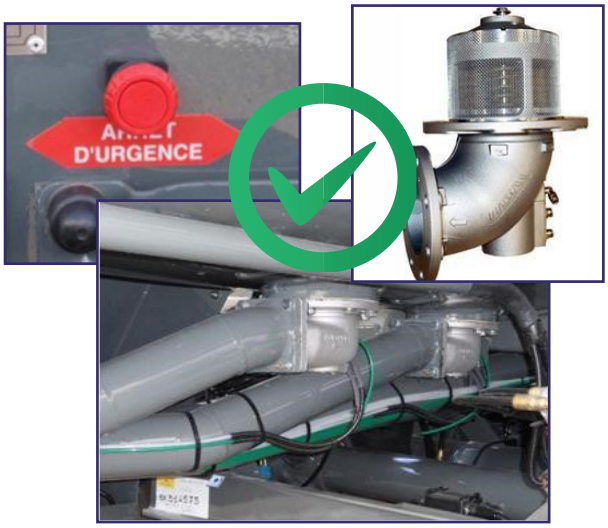
WHAT TO CHECK

Each compartment must be equipped.
The emergency cut off switch must be available and tested working (test : open all the bottom valves using the handles and press the emergency cut-off switch : all the handles must instantaneously and automatically come back into closed position).

WHICH DECISION TO TAKE

If the truck is not fully equipped with bottom valves, **it must be rejected**.
If the emergency cut off switch is not available or not working, **the truck must be rejected**.





4. HOSES

WHAT IS IT?

Hose adapted to liquid hydrocarbon transfer.

WHERE TO FIND IT?

Ideally, found in the hose housing.
For security reasons, they are very often kept on the upper walkway of the truck, strapped on the side.

WHY IS IT IMPORTANT TO SAFETY?

Composite hose are totally electrically bonded during manufacture, which prevents static electricity accumulation.
Composite hoses ensure leak proof connection with truck and customer valves.
Composite hoses are perfectly leak proof themselves.
Composite hoses can stand a certain pressure.

WHAT TO CHECK

Electrical continuity: it is guaranteed by the wires wound round the length of the hose.
The wires are 2, one internal and one external.
Coupling at each end.
Control could be done by random sampling.
If one hose is found defective, all the hoses shall to be checked.

WHICH DECISION TO TAKE

For any default noted, **the truck must be rejected**.