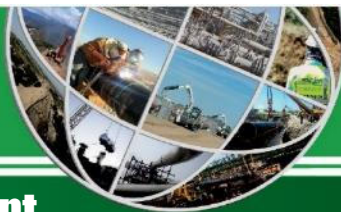


# LESSON LEARNT



PREPARED BY: Corporate QHSE Dept.

N° 02/2018 Date: February 2018

**OBJECT:** ADDITIONAL FIRE-FIGHTING EQUIPMENT

## DESCRIPTION:

Many of SICIM projects are located in places with dry and hot climates having wooded and / or shrubby areas; in this environment the risk of fire or ignition of flammable material is high.

In addition, pipeline construction sites often develop for long distances not easily accessible by emergency vehicles/equipment.

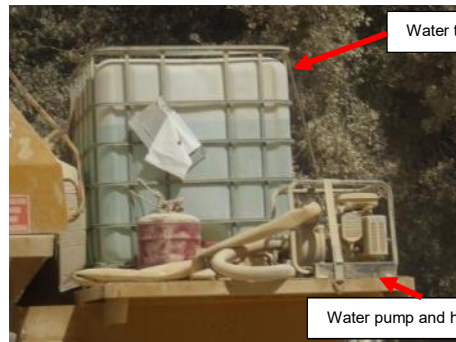
In one of our projects, in addition to standard firefighting equipment such as ABC powder fire extinguishers, fireproof sheets etc., additional fire-fighting measures have been implemented.

A water tank with volume of 1500 litres, a suitable motor pump and a flexible hose have been installed on pipelayers as additional fire-fighting equipment. It can be used as an extinguishing method for type A fires (i.e. fires having as combustible solid materials such as wood, plastics, etc.).

This solution allows to quickly limit / extinguish a type A fire, and / or provides support to the other available standard firefighting equipment until the arrival of emergency services.

This equipment has been installed on pipelayers, however it could also be installed on other heavy equipment such as dumpers, wheeled tractors or on pick-ups.

Fire-fighting equipment installed on our pipelayers.



## EQUIPMENT:

- Certified support with proper SWL to be anchored to the machine;
- Water tank with a volume of 1500 litres (may vary accordingly to the SWL of the support) firmly anchored to the support;
- Standard pump and flexible hose of about 15 meters firmly anchored to the support;

## TRAINING:

- The heavy equipment operator shall be trained to the additional dimensions that the machine is carrying and to the use of the pump and hose;
- Emergency / fire-fighting team shall be trained on the use of the motor pump and flexible hose.

Below: other example of additional fire-fighting equipment applicable to some types of project.



## RECEPTION BY THE PROJECT

WHICH ACTIONS IDENTIFIED TO BE IMPLEMENTED IN THE PROJECT:

**Project Manager:**

Signature:

**HSE Project Manager:**

Signature: