

SAFETY Alert



PREPARED BY: Corporate QHSE Dept.

N° 05/2018 Date: May 2018

OBJECT: FIRE DURING MAINTENANCE

DESCRIPTION

A maintenance supervisor burned his right hand while starting a generator under maintenance at the mechanical workshop.

Because of the generator had ignition problems, the supervisor decided to force the ignition through introduction of inflammable gas into the suction chamber and he proceed in the following unusual way:

- he prepared a cloth soaked with diluting agent (thinner);
- he proceeded by removing the hose that carries air into the air suction chamber of the generator;
- he pressed the start button on the generator and because it takes seconds to initiate the ignition cycles, he placed the cloth held in his hand close to the entry point of the suction chamber.

Following a backfiring of the engine, the cloth he was holding caught fire burning both sides of his right hand (from fingers to wrist). While he was trying to get rid of the fire, his work jacket also caught fire and a worker helped remove it from his body.

Considering also the presence of other workers working nearby, under slightly different circumstances, serious injury could have happened if the blast and the fire were greater.



Right hand injured

CONSEQUENCES

- First degree burn on both sides of the right hand;
- Minor burn on workwear;
- Damages to the generator.

CAUSES

- Failure to follow procedure;
- Failure to use PPE;
- Fire and Explosion;
- Inadequate personal skills;
- Inadequate risk perception/risk underestimated;
- No work planning or risk assessment performed.

CORRECTIVE ACTIONS

Measures adopted in order to prevent the recurrence of a similar incident:

- ✓ Risk assessment implemented for the mechanical workshop in order to cover the respect of standard procedures and materials for the execution of tasks with sensitization to this effect;
- ✓ Share the contents of the revised risk assessment with all the mechanics and with all workers who use hazardous substances;
- ✓ Sensitisation among all mechanics on the correct procedure to be followed during all activities;
- ✓ Disciplinary action notified to the Supervisor for his role in the incident.



Activation point

RECEPTION BY THE PROJECT

WHICH ACTIONS IDENTIFIED TO BE IMPLEMENTED IN THE PROJECT:

Project Manager:

Signature:

HSE Project Manager:

Signature: