



Sterling Chemical Malta Ltd


SAFETY INSTRUCTION:

PROCEDURE TO BE ADOPTED TO PUT IN SECURITY THE PRODUCTION PLANTS, THE PILOT PLANT AND THE LABORATORIES

REVISION HISTORY

Revision Date	Revision Number	Sections Affected	Change description
10.10.2013	00		First issue

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1. PROCEDURE

For the safety of the production facilities and the pilot plant, at the evacuation signal of the department, the operators and supervisors, before walking away from the workplace, they have to put in security the plants without risking their safety, operating in the following way:

REACTORS

- suspend any additions of reactive from the drippers by closing the discharge valve and the vent eventually opened in the department;
- put under cooling the reactors in use, leaving the agitation working to optimize the cooling;
- placing the reactors in use under a slight nitrogen flow with the exhaust scrubber;
- put to reflux the discharge of condensate
- verify that the lines of loading and unloading are closed
- close any open containers of reagents or solvents
- remove flammable material from the department, or at least from any heat sources

CENTRIFUGE

- close the inlet valve to the centrifuge
- close the bottom valve of the reactor
- stop the motor of the centrifuge, turn off the vacuum pump
- leave the inerting system functioning with the discharge scrubber
- close any open containers
- keep away the flammable material from the department or at least from any heat sources

DRYING


Close the heating and cooling the stoves eventually under operation

GENERAL

Stop the vacuum pump and verify the operation of the cooling.

Do not obstruct escape routes leaving materials or other things in front of doors or stairs!!!

For the safety of the laboratories, in case an evacuation order is given, the supervisor or his substitute without risking their own safety must:

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1. Close the shut-off valves of any present gas
2. Remove the power from the electrical appliances in the local
3. Close any doors left open to ensure the partitioning