

SAFETY Alert



03/2016

UNDER PRESSURE HOSE

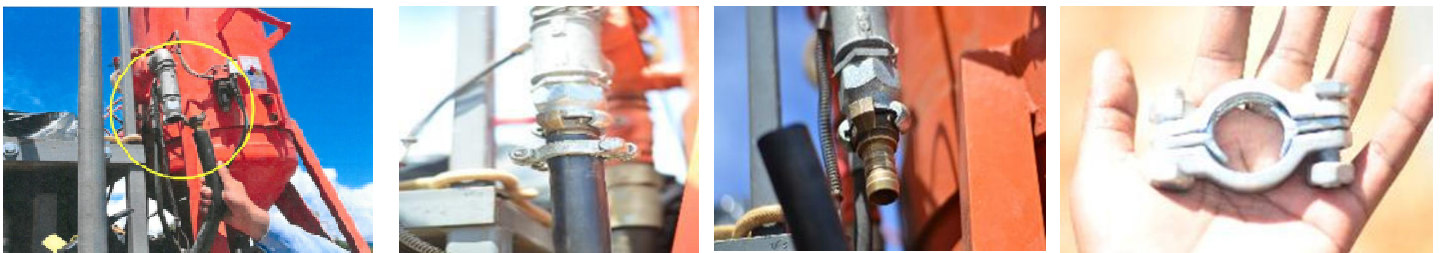
DATE: May 2016

ISSUED BY: QHSE DEPARTMENT

OBJECT: RELEASE OF UNDER PRESSURE HOSE FROM THE CLAMP

DESCRIPTION:

During sandblasting activities, the operator stops his task to verify an apparent loss of pressure in the system and he notes that a hose has come loose. The operator proceeds to re-attach the hose again and to turn on the equipment. While he was walking back to his work site, the operator passes on the left side of the machine and suddenly the hose is released from the quick hitch lock and the clamp slips out and hits his head, causing a wound of about 2 cm length.



CONSEQUENCES:

- Launch of the emergency plan;
- Project doctor takes care of the worker that is transferred to hospital for medical evaluation;
- Activities stopped and commencement of Incident Investigation process.

CAUSES

- Operator does not set properly the air hose and with the necessary tools;
- Operator does not follow the procedure because he does not report the issue to maintenance department;
- The team does not make a proper risks assessment of the activity carried out;
- Use of a clamp that can disengage from the hose.

CORRECTIVE ACTIONS

Some measures were adopted in order to prevent the recurrence of a similar incident:

Operational instructions:

- ✓ New safety signs regarding highlighted risks to be added to all sandblasting machine;
- ✓ Specific Risk Assessment review;
- ✓ Perform an inspection to sandblasting machine and correct the defects observed;
- ✓ Make a new check-list for inspection with more details for sandblasting machine and all its parts;
- ✓ Corporate meeting with maintenance managers to decide on the use of different clamps which can prevent or decrease the risk of release of the pressure hose (see photo on the right).



Training:

- ✓ Re-induction to personnel involved in the process of sandblasting activities;
- ✓ Raising awareness for coating team regarding change behaviour and risk identification;
- ✓ Raise awareness for sandblasting operators and mechanics to make daily inspections of machines that must be as detailed as possible following the new format available;
- ✓ Safety Alert developed regarding the circumstances of this incident to be communicated to all personnel.