

# SAFETY Alert



**PREPARED BY: Corporate QHSE Dept.**

N° 01/2020      Date: January 2020

**OBJECT: NEAR MISS DURING HOT FORMED BEND ALIGNMENT OPERATION**

## DESCRIPTION

During the installation of the internal clamp for the alignment of a hot formed bend, the pipe suddenly tilted while the supervisor was inside to tighten the coupler's bolts.

This occurred because the sideboom's operator suddenly retract the counterweight to allow two other sidebooms to pass on the RoW. By closing the counterweight, the sideboom had a slight movement that swung the pipe.

## CONSEQUENCES

- HIPO Near Miss;
- Activity immediately stopped;
- Start of the Incident Investigation process;
- HSE staff verify the safety conditions of the work area and hold a TBT on site with the crew before allowing activity resume.

## CAUSES

- Lack of communication between operator, banksman and supervisor;
- Lack of risk perception: the operator was aware of the presence of the supervisor in the pipe but he underestimated the movement of the sideboom and of the pipe caused by the closing of the counterweight
- the operator acted on his own initiative without consulting his supervisor and the banksman;
- Pipe lifted with only one sideboom. If the load had been handled with two sidebooms, the pipe would have been less prone to swinging.

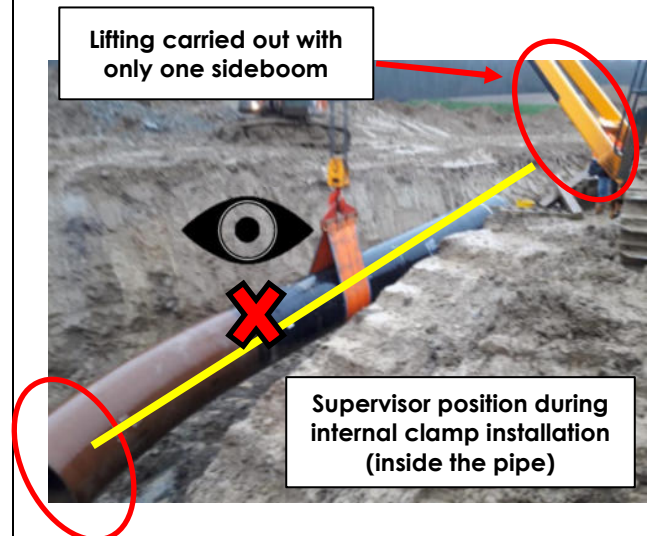
## CORRECTIVE AND PREVENTIVE ACTIONS

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

- Develop a project specific procedure for the installation of internal clamp highlighting when it is possible to install the internal clamp and all preventive actions for each identified scenario;
- Execution of a dedicated TBT with all the working team;
- Execution of Specific HSE training to heavy equipment operators;
- TBT meeting with entire project workforce;
- Develop a specific safety alert and share it to the entire workforce.



While lowering-in the pipe a banksman was present to give the supervisor's information to the sideboom operator.



There was no visual contact between the sideboom's operator and the supervisor. All workers were waiting for the installation of the clamp.

## RECEPTION BY THE PROJECT

**WHICH ACTIONS IDENTIFIED TO BE IMPLEMENTED IN THE PROJECT:**

**Project Manager:**

Signature:

**HSE Project Manager:**

Signature: