

Location : Greece – R.o.W.

Incident Type :HIPO Near Miss
SIDEBOOM ROLLOVER

Date: 07/02/2017

What happened?

A PL95H Hydrostatic Pipe layer that was crossing the trench on a soil crossover point, tipped over on the counterweight side, reclining gradually on the counterweight, to the bottom of the trench, approximately 4m. The operator was wearing the seat belt, he did not sustain any injury and was able to leave the seat and reach a safe location.

Immediate actions: Machine operator was medically checked; area made safe, spill kits placed for oil spills; recovery team and plan assembled; recovery plan agreed by all parties; side boom recovered; incident investigation commenced

Incident location

Why did it happen?

The berm crossing operation was discussed the night before, weather conditions had changed, this was not taken into consideration in the morning before the crossing was attempted

The mud had formed and stuck on the grouser plates and hadn't cleared causing a flat slippery muddy surface, this factor was not considered

The assessment of the berm crossing did not take into account the incline and the fact that counterweight would be travelling over the incline side down

The assessment of the berm did not factor in enough space in the event of a slippage incident

The operator lacked adequate experience

How can we prevent recurrence of similar incidents?

Detailed engineering shall be available to allow the installation of sound and adequate crossover points intended to heavy equipment passage,

Operator and supervisor competency program to be developed and implemented

Detailed documented inputs and agreements from senior site representatives as to suitability of similar crossings

Assessment of all crossings shall be planned after inclement weather

Wearing of seatbelts on all equipment to be always enforced and monitored

Information on what to do in the event of a slow roll over to be given to operators



Conditions After the incident.



Recovery operations.



End of recovery operations.

HSE – is not just what you say, it's what you do!