



HSE Incident Lateral Learning

No: 0402

Date: 18/08/04

Near Miss Side boom lifted off the ground during lowering operation

Incident Summary:

While lowering 48" gas export line, one side boom, lifted off the ground due to excessive load. The side boom operator realised that he was in danger of toppling; he panicked and he immediately released the pipe into the trench. This action caused the load to shift to the second side boom, which caused one side to lift off the ground as well. The second side boom operator did not panic and he slowly released the pipe into the trench.

The Failures:

- ☞ Inadequate design considerations for selection of Type & number of side booms.
- ☞ Inadequate procedure for lowering of 48" Pipeline.
- ☞ Operator familiarization of Side Booms & 48" lowering skills not considered necessary.
- ☞ HEMP not reviewed while planning the lowering operation.

Learning Points:

- ☞ Review of design for selection of Type and number of side Booms.
- ☞ Lowering procedure to incorporate all site conditions for lowering.
- ☞ Review of operators' qualifications & experience.
- ☞ Update HEMP and conduct workshop for the lowering crew.
- ☞ Prepare organogram with defined roles and responsibilities for Lowering of 48" pipeline.

