

Safety

Safety Alert Number 178 issue 31.01.2011

Overtuned Excavator

During enabling works a wheeled 180° excavator overturned. The machine was in the process of loading a dumper with stone to create a temporary access road. The route along which the excavator was approaching the stockpile involved traversing across a gradient.

As the operator raised the bucket in excess of 2m and manoeuvred, the machine slowly tipped, coming to rest on its side and backhoe.



Following the initial investigation a number of critical factors were identified, these are as follows;

- The excavator operator made an error of judgement and approached the stockpile across the gradient.
- The plant tyres were found to be under inflated.
- The work site gradients had not been adequately risk assessed prior to works commencing.
- The operator had a CPCS competency but not for this item of plant.

What you can do;

- Ensure tyres on plant are correctly inflated in line with manufactures recommendations.
- Check plant operators CPCS / NPORS competencies are correct for the plant being used.
- Ensure plant supplier's pre-delivery inspections (PDI) are complete on delivery of the plant, including tyres.
- Carefully risk assess works on gradients.



Display on Notice boards and brief to:

No Brief Required ALL Employees Managers Only Disciplines affected Sub-Contractors

Alliance/JV Partners All holders of track certs NWR/LU Signed attendance sheets required

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