

What are the health and safety requirements for Excavators?

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| Equipment: | 360° and 180° Excavators |
| Necessary CR Forms | <p>CR 2: Certificate of safe working load for an excavator or loader used as a crane</p> <p>CR 4A: Report of thorough examination of lifting appliances (including excavators used as cranes)</p> <p>CR 4B: Weekly inspection report of lifting appliances and safe load indicators (including excavators used as cranes)</p> |
| Forms filled out by: | Competent person |
| Filled out when: | <p>CR 2: If excavator or loader is lifting gear greater than 1 tonne and lifting is associated with the excavation work i.e. not travelling with the material being loaded</p> <p>CR 4A: Every 14 months, : After substantial alteration or repair : Before first use (if not covered by manufacturers original test cert for that specific machine)</p> <p>CR 4B: Weekly</p> |
| Required operator training: | <p>FAS Safe Pass (for all construction site work)</p> <p>CSCS Excavator training</p> <p>Site safety rules, site emergency procedures and other training as appropriate to the work environment</p> |
| Mandatory safety devices: | Movement alarm and flashing beacon with CCTV or convex mirrors or a combination of both to allow vision from the drivers seat (without slewing) at all points 1 metre high and 1 metre from the machine |
| Other precautions: | <ul style="list-style-type: none"> • Ensure a suitable clearance for 'tail swing' behind and around the machine – danger area should be barricaded • Method of alerting driver/operator if anyone must enter into the work radius must be established, i.e. signals, radio, etc. • Bucket or load should never be slewed directly over personnel • Vehicles should be loaded from the side or rear and material should not be dropped from excessive height • Dangerous overhangs must not be created on a high workface and a workface below a machine should never be undercut so as to affect machine stability • Wheels or tracks should be placed at 90° to the workface • Soil type should be taken into account when positioning vehicle • If working on a gradient, the working cycle should be slowed down, the bucket should not be extended too far in the downward direction • Banks men must be used for large excavators, those operating in confined spaces or those operating in the vicinity of other personnel • Appropriate PPE should be given to the operator |

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| | <ul style="list-style-type: none">• Drivers' cabins should be suitable to protect from adverse weather conditions at all times• When travelling, the bucket should be tucked into the machine and clear of the ground• Avoid contact with overhead and underground power-lines• All vehicles should be inspected by the driver at the start of the shift |
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This list is not exhaustive