What are the health and safety requirements for Excavators?

<table>
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<tr>
<th>Equipment:</th>
<th>360º and 180º Excavators</th>
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| Necessary CR Forms | CR 2: Certificate of safe working load for an excavator or loader used as a crane  
CR 4A: Report of thorough examination of lifting appliances (including excavators used as cranes)  
CR 4B: Weekly inspection report of lifting appliances and safe load indicators (including excavators used as cranes) |
| Forms filled out by: | Competent person |
| Filled out when: | 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  
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)  
CR 4B: Weekly |
| Required operator training: | FAS Safe Pass (for all construction site work)  
CSCS Excavator training  
Site safety rules, site emergency procedures and other training as appropriate to the work environment |
| 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: | • 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 90º 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 |
| • Drivers’ cabins should be suitable to protect form 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 |

*This list is not exhaustive*