



Rating: Low=1-2 Med=3-4 High=6-9		RISK ASSESSMENT		
Site Address:	Turnbridge Mill Huddersfield	Date:	March 2026	
Operation/Task:	Operation of 360 excavator	Ref No:	006 RA	
Personnel at Risk:	Operatives, Sub Contractors, Public, Visitors.	Review	June 2026	


HAZARD	SEV	LH	RATE (SXL=R)	ACTIONS TAKEN TO REDUCE RISKS	SEV	LH	Residual risk (SXL=R)
Traffic Management - Contact between plant vehicles/pedestrians causing crush injuries.	3	2	6	2 way traffic management Plan will be set up and maintained. Pedestrian and vehicle routes should be suitably demarcated and segregated - All operatives to wear high visibility clothing Mobile plant shall be fitted with equipment to maintain 360° vision (rear view mirrors or rear facing CCTV cameras to be fitted to large plant items). A nominated 'Banksman' shall assist the operators of mobile plant whilst movements are taking place in close proximity to other operatives or work activities.	3	1	3
Overturning of plant vehicles causing crush or impact injuries.	3	2	6	Drivers stick to designated routes and speed limits. Seat belts are worn when operating if fitted.	3	1	3
Collapse of excavator and hit by falling excavator bucket./pecker	3	2	6	Buckets are kept in bucket area which is cordoned off. Buckets are attached using quick hitch system There is a checklist in the cab of daily inspections and 12 monthly LOLER check carried out on the excavator and 6 months on the quick hitch bucket Checks are made to ensure the manual safety pins are always in place and quick hitch is locked in place Operatives hold the CPCS card and test the security of the bucket after changing it by "shake, rattle and roll", or placing the bucket flat on the ground then trying to uncrowd the bucket so that the bucket tries to disengage from the QH.	3	1	3
Airborne dust particles in dry conditions.	2	2	4	Dust suppression system (e.g. dowsing with water) to be implemented.	2	1	2
Contact with underground services causing explosion, asphyxiation, burns, electrocution or flooding. Or causing interruption of essential provision of utility service to third parties.	3	2	6	Existing services drawings to be consulted. Pipe & cable location tools to be used prior to excavation. Where relevant, all known services shall be marked on the surface. Those affected by excavation or otherwise to be exposed with hand dug trial holes. Where directed a 'Permit to Dig' shall be issued. <i>Work to be carried out in accordance with the HSE guidance note HS 47 'Avoiding danger from underground services'</i>	3	1	3

Likelihood	1	Harm will seldom occur	2	Harm will often occur	3	Harm is certain or near certain to occur
Severity	1	All other minor injuries / illness not cover by severity of 2 & 3	2	Leading to 7 day injury or illness (as defined by RIDDOR)	3	Death or major injury (as defined by RIDDOR)
Monitoring period req. / set for:	Supervisor/ Operator - Daily		Those informed / to take part:		Page 1 of 3	

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Noise	2	2	4	<p>Ear protection is worn when working inside. Other operatives in the area may be requested to wear them</p> <p>Job rotation work methods used when for long periods</p> <p>Low noise output tools used</p> <p>Information provided for noise</p>	2	1	2
Whole body vibration	2	2	4	<p>The excavator is modern and of appropriate ergonomic design, and vibration emissions has been considered in its selection and is the most appropriate vehicle for the task); Good visibility in the cab so that the machine can be operated without stretching and twisting;</p> <p>It is easy to get in and out of the machine by using handholds and footholds so that the temptation to climb or jump is minimised;</p> <p>Access to manually loaded areas is unimpeded by the machinery structure and involve minimal lifting</p> <p>The excavator has a suspension seat and fully inflated rough terrain tyres that are checked regularly. Regular maintenance of vehicles reduces shocks and jolts</p> <p>Suitable and sufficient information and training for employees;</p> <p>The duration and magnitude of exposure is reduced by job rotation</p> <p>Work schedules allow adequate rest periods. Short breaks are taken between operating mobile machinery and manual handling of materials, to give tired muscles time to recover before handling heavy loads,</p> <p>Operatives are provided with warm, and (if necessary) waterproof clothing.</p>	2	1	2

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