

SIGNIFICANT HAZARDS	ASSESSMENT OF RISK			
	V. LOW	LOW	MED	HIGH
1 Shovel or load dropping inadvertently		X		
2 Overturning of machine			X	
3 Materials dropping from shovel or bucket			X	
4 Persons struck by machine			X	
5 Restriction of driver's vision			X	
6				
7				
8				
9				
10				

ACTIONS ALREADY TAKEN TO REDUCE THE RISKS:

Compliance with:

Lifting Operations and Lifting Equipment Regulations 1998

CDM Regulations 2015

Provision and Use of Work Equipment Regulations 1998 and ACoP L22

HSE Guidance HSG150 - Health and safety in construction.

British Standards including: BS 5228-Noise and Vibration Control on Construction Sites. BS 6912 – Safety in Earth Moving Machinery. BS6913:- Operation and Maintenance of Earth Moving Machinery.

Planning:

Choice of equipment and requirements assessed with regard to ground conditions and local operational requirements. Excavators must be subject to a planned maintenance programme.

Physical:

180 degree machines - When using the backhoe the bucket must be lowered to the ground

360 degree machines - At least 600mm clearance to be allowed for tail swing. No persons are allowed to stand or work within operating radius without the operator's permission. Loads must be slewed over personnel, vehicle cabins and huts. Overhangs are not to be created on high workfaces. Wheels/tracks are to be at 90 degrees to the workface.

Travel and operations on a gradient must be controlled to ensure machine stability.

A banksman is to be used where driver's vision is impaired or operating in congested areas.

Managerial/Supervisory:

Certification of drivers must be checked.

Trenching and deep excavation work must be supervised to ensure the stability of machine and excavation, and that persons do not work within the swinging radius of a backhoe.

Vehicles must be checked by drivers before use and secured afterwards.

Management must ensure speed restrictions are enforced, and monitor use on sloping ground.

Noise levels are to be monitored assessed as may be necessary. Machinery must be checked by a competent person at regular intervals.

Training:

Driver training to CITB standard is required; also to comply with BS 6264 : Operator training for earthmoving machinery is required

Excavator driving by uncertificated operatives is not permitted; this also applies to subcontractors and the self-employed.

SITE SPECIFIC ASSESSMENT

SITE/LOCATION: Land off Mill Lane, Gisburn

MAXIMUM NUMBER OF PEOPLE INVOLVED IN ACTIVITY: 30

FREQUENCY & DURATION OF ACTIVITY: 104 weeks

ADDITIONAL SPECIFIC HAZARDS IDENTIFIED:

Delivery to and unloading on site

ADDITIONAL CONTROL MEASURES REQUIRED:

Co-ordination of movements with supplier to ensure prompt off loading on site.

Details of route to site with suppliers to ensure that hazards such as narrow streets are pointed out and that suitable delivery vehicles/routes can be arranged.

ASSESSMENT OF REMAINING RISKS: Insignificant / Low / Medium / High

SERIOUS & IMMINENT DANGER RISK IDENTIFIED: No

EMERGENCY ACTION REQUIRED:

NAMES OF COMPETENT PERSON(S) APPOINTED TO TAKE ACTION:

CIRCUMSTANCES WHICH WILL REQUIRE ADDITIONAL ASSESSMENT:

1. Excavator operations in vicinity of underground/overhead power lines or services
2. Excavator being used as a crane for lifting pipes or equipment

NB. See related risk assessment EC44

ON SITE ASSESSMENT

SIGNED:

EJAldred

DATE:

10th August 2018

File Reference

EA42B

