

GA02 Health, safety and environment risk assessment (semi-quantitative)

Company name										Risk factor					
Project title										Risk quantity	No injury, damage or environmental impact	Minor injury, damage or environmental impact	Specified injury, damage or environmental impact	Fatality, building loss or catastrophic environmental impact	
Location															
Contract no.					Risk assessment no.										
Person conducting assessment					Date										
Person supervising work					Date										
Persons exposed (tick box)										Almost no likelihood	I	A	A	U	
Employees		Other workers		Public/visitors		Young persons				A small likelihood	A	A	U	U	
New/expectant mothers				Vulnerable persons		Others				A high likelihood	A	U	U	U	
Estimated total number of persons at risk										Almost certain	A	U	U	U	
Hazards (What might cause harm?)			S*	H*	E*				S*	H*	E*				
1. Adverse weather conditions						17. Loading/unloading						Risk level	Action		
2. Cold						18. Materials						Insignificant (I)	No action required and no documentary records need to be kept.		
3. Electricity						19. Moving parts of machinery						Acceptable (A)	No further preventative action. Consideration shall be given to more cost-effective solutions or improvements that impose no additional cost burden. Monitoring required to ensure that controls in place are properly maintained.		
4. Excavation						20. Proximity to water									
5. Fire/flammable atmosphere						21. Scaffold						Unacceptable (U)	Work shall not be started or continued until the risk level has been reduced to an acceptable level. While the control measures selected shall be cost-effective, legally there is an absolute duty to reduce the risk. This means that if it is not possible to reduce the risk, even with unlimited resources, then the work shall not be started or shall remain prohibited.		
6. Floor/ground conditions						22. Sharp objects									
7. Flying particles/dust						23. Stairs/steps									
8. Hand or power tool						24. Static equipment/machinery						Notes 1. The listed hazards are the type of issues that may cause harm. Tick box for hazards. 2. Preventative/control measures are the actions that will stop it going wrong. 3. Control measures are to ensure that residual risks are reduced to a minimum. Where controls fail to reduce the risk to an acceptable level then refer assessment to your line manager. 4. If the operations are likely to affect the public or the safe operation of a public infrastructure or transport system, the control measures must reduce the likelihood of significant harm to the level that existed before work commenced. 5. Where young persons or expectant mothers are involved in the activity, ensure that any additional controls are put in place in accordance with legal requirements and local procedures. 6. In addition to the above, consideration must be given to other individuals' susceptibility due to pre-existing health conditions (such as a bad back or poor hearing). Additional human factors (such as ergonomics and workplace design) should also be considered. 7. Where a hazard is identified that is not listed in the hazards list, enter the hazard description followed by 'Other' in brackets, for example (Other).			
9. Hazardous substance						25. Structure									
10. Heat/hot work						26. Temporary works									
11. Lack of experience						27. Vehicle/mobile equipment									
12. Lack of training						28. Working hours/fatigue									
13. Lack of/too much oxygen						29. Workstation design									
14. Access						30. Work at height									
15. Lifting equipment appliances						31. Third parties									
16. Lighting															
32. Other (state)															
* All of the SHE descriptors can be an outcome of each hazard. S = Safety H = Health E = Environment															
Comments															

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Hazard number <i>(from previous page)</i>	Nature of risk <i>(What might go wrong?)</i>	Risk before controls <i>(U/A/I)</i>	Control measures <i>(How do you stop it going wrong?)</i>	Control measures implemented by <i>(name)</i>	Risk after controls <i>(U/A/I)</i>

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Hazard number (from first page)	Nature of risk (What might go wrong?)				Risk before controls (U/A/I)	Control measures (How do you stop it going wrong?)				Control measures implemented by (name)	Risk after controls (U/A/I)				
Method statement required?		Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	Method statement number									
Additional risk assessment (tick box)						PPE (tick box)									
Noise	<input type="checkbox"/>	COSHH	<input type="checkbox"/>	Handling	<input type="checkbox"/>	New/expectant mothers	<input type="checkbox"/>	Helmet	<input type="checkbox"/>	Respiratory	<input type="checkbox"/>	Boots	<input type="checkbox"/>	Hi-vis	<input type="checkbox"/>
Asbestos	<input type="checkbox"/>	Lead	<input type="checkbox"/>	Radiation	<input type="checkbox"/>	Young persons	<input type="checkbox"/>	Hearing	<input type="checkbox"/>	Eye	<input type="checkbox"/>	Harness	<input type="checkbox"/>	Others	<input type="checkbox"/>
		Name				Position			Signature		Date				
Person completing the assessment															
Person reviewing the assessment															
Date to be reviewed															

The outcomes of this risk assessment must be communicated to operatives before work commences. A separate briefing sheet (GA11) should be used and be made available to the operatives for reference.