

TWI Risk Assessment

Title: Child (up to age 16) & Young person (up to age 18) generic risk assessment

Description: Child/young person working with TWI staff at education outreach events

Assessor: M Haslett	Assessment Date : 31 May 2013	Location: Various
Authorised by: M Caswell	Review Date: 31 May 2014	

Significant Hazard and Adverse Effects	Person/Equipmt at Risk	Existing control measures	Risk Rating*			Additional Action required (by whom & when)	Revised Risk Rating*		
			C	L	Total		C	L	Total
Vulnerability to abuse etc	Child/young person	<ul style="list-style-type: none"> Company policy/procedure on working with children/young persons. ISA checks to be conducted where necessary (via HR). Child/young person not to be alone with single adult for significant periods of time. Child/young person advised to report any issues or concerns immediately to supervisor or HR. 	3	2	6	<ul style="list-style-type: none"> HR to investigate any issues. 			
Slips, trips and falls	Child/young person	<ul style="list-style-type: none"> Sensible footwear to be worn in office environment i.e. no flip flops, high heeled shoes etc. Young person (minimum age of 17) to wear protective footwear (totectors) in laboratories. Child/young person advised to report any concerns immediately to the supervisor. 	3	2	6	<ul style="list-style-type: none"> Child/young person advised of possible slip, trip and fall hazards on induction. 	3	2	6

Manual handling	Child/young person	<ul style="list-style-type: none"> No child/young person is permitted to lift any item of a significant weight i.e. child maximum of 3kg and young person maximum of 5kg. Mechanical lifting aids to be used at all times. Close supervision at all times. 	4	2	8	<ul style="list-style-type: none"> Basic manual handling briefing given on induction. 	4	2	8
Display screen equipment	Child/young person	<ul style="list-style-type: none"> A User Workplace Assessment (UWA) is to be completed by any child/young person that will be required to use display screen equipment. Regular breaks to be taken during use. Child/young person advised to report any problems immediately to supervisor. 	3	2	6	<ul style="list-style-type: none"> Any issues highlighted during UWA to be reviewed with appropriate controls implemented. 	3	1	3
Noise	Child/young person	<ul style="list-style-type: none"> No child is permitted to work in a noisy area. Should a young person be exposed to noise whilst working in an area e.g. Engineering Hall, then the supervisor MUST ensure that appropriate hearing protection is provided and worn. Young person advised to report any concerns immediately to supervisor. 	3	2	6	<ul style="list-style-type: none"> Risk assessment MUST be reviewed to ensure that current control measures are adequate. 	3	2	6
Vibration	Child/young person	<ul style="list-style-type: none"> No child is permitted to use powered hand tools (hand arm vibration). Young person only permitted to use low risk powered hand tool 	3	2	6	<ul style="list-style-type: none"> Young person to have read and understood HAV risk assessment. HAV assessment to be completed for any young 	3	2	6

		<p>i.e. battery drill.</p> <ul style="list-style-type: none"> • Young person be closely supervised when using low risk powered hand tools. • Young person not permitted to ride on machinery. 				<p>person that will be using powered hand tools.</p>			
Electricity	Child/young person	<ul style="list-style-type: none"> • Child is not permitted to connect or disconnect any electrical supplies (110, 240 or 415V). • Young person is permitted to disconnect 110 & 240V supplies. However this will remain at the discretion of the supervisor i.e. whether the supervisor feels that the young person is competent. In no circumstances is the young person permitted to disconnect 415V supplies. • Electrical equipment PAT with additional visual check prior to use. • 5 yearly fixed wiring checks conducted. • Close supervision at all times. • All electrical work conducted by trained electricians. • Child/young person advised to report any concerns immediately to supervisor. 	5	1	5	<ul style="list-style-type: none"> • Supervisor to inform/advise young person on associated electricity hazards/risks. 	5	1	5
Chemical/substance exposure	Child/young person	<ul style="list-style-type: none"> • Close supervision of young person at all times. • All hazards that are present in the laboratory MUST be relayed 	3	2	6	<ul style="list-style-type: none"> • Should a young person be required to be involved in any work where chemicals, substances, gases or solvents are present then a full review 	3	1	3

		<p>to young person.</p> <ul style="list-style-type: none"> Supervisor to ensure young person is provided with and wears appropriate PPE. 				<p>of the relevant CoSHH assessment(s) is to be conducted in order to ensure that existing controls are adequate.</p> <ul style="list-style-type: none"> Should any additional controls be required then they MUST be implemented prior to that young person being allowed to participate in the activity. 			
Machinery	Child/young person	<ul style="list-style-type: none"> Young person is not permitted to operate machinery. Close supervision at all times. Young person to be provided/wear appropriate PPE (identified in risk assessment). Planned preventative Maintenance conducted on machinery. Pre machinery check conducted by supervisor/operator. Supervisor/operator trained and deemed competent to use/demonstrate machinery. Young person advised to report any concerns immediately to supervisor. 	4	2	8	<ul style="list-style-type: none"> Relevant risk assessments MUST be reviewed to ensure current control measures are adequate. Young person to have read and understood risk assessment prior to working in laboratories. 	4	1	4
Fire	Child/young person	<ul style="list-style-type: none"> Emergency evacuation and arrangements covered on induction. Close supervision of young person at all times. Young person to advise TWI in advance of any special needs 	5	1	5				

		(eg mobility).							
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- Refer to risk matrix in Guidance document.

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