DE MONTFORT UNIVERSITY		RISK ASSESSMENT FORM				Form Number: GWB001 Version: 1.0 Date: July 2018 Procedure: SP 3-2		
Location: Activity:			Assessment Date: g Approved On:	26/04/2019 09/05/2019	Assessor(s): Gaia Eva		Ref: MA	I-DATA39-v1
Dept.:	Estates				Assessment Rating: Assessment Rating: gions:		_	
Sect.:	Estates	- Maintenance	Next Review Due:	07/05/2020	Status: Risk Ass	essment Approved	ı	
Who migh	t be harm	ned?	Employee: 🗆	Student: 🗆	Contractor:	Public: 🗆	Minor	: □
			Activity Ris	k Assessmer	nt Form			
Activity/Task	/ Situation	What are the hazards and how	Risk Level without		e the control measures	Res	idual risk	Action by whon
Slips and Tri Please selec		Tools, plant and equipment from contractor can be a slip and trip hazard. Trailing cables Uneven floor surface Spilled liquids Poor housekeeping	S L  O R  O W  O H  O W  Medium	<ul><li>barriers / heras fe</li><li>No trailing cables maintained in good</li></ul>	at any time, Floor to be od condition throughout ed up immediately, Cont	project. = = = = = = = = = = = = = = = = = = =	0 =	
Roof access		Falling from a height	S L  O R  O L  O W  O H  O VH  O C  Medium		ssment 'Working on Roc fe system of working sta V	• tement • • • • • • • • • • • • • • • • • • •	0 -	
Working at I Please selec	Ü	<ul> <li>Falling objects</li> </ul>	S L	Tower Scaffold' a	ssment 'Use of Mobile ind accompanying safe s at EMS SS0005 SSOW	0 0 0	0-	
Working at I Please selec		Falling from a height     Falling objects     Electrocution	S L  O R  O L O U  O M O P  O H O L  O VH O C  Medium		sssment 'Use of Ladders g safe system of workin N	g statement	0 -	
Working at I		Falling from a height	S L		ssment 'Use of MEWPS' fe system of working sta V	<ul> <li>□ =</li> <li>□ -</li> <li>□ -</li> <li>□ -</li> <li>□ -</li> </ul>	0 =	
Sharps		Puncture injuries from needles (In public areas such as grounds, toilets etc)	S L O <sub>I</sub> O <sub>R</sub> O <sub>L</sub> O <sub>U</sub> O <sub>M</sub> O <sub>P</sub>	Needle resistant g stage of project in	gloves to be provided fo n public areas	r "rip out"  S  I  L  M	<ul><li>● R</li><li>○ U</li><li>○ P</li></ul>	

		Activity	Risk Assessment Form		
Activity/Task/ Situation	What are the hazards and how will persons' be harmed	Risk Level without controls	What are the control measures	Residual risk	Action by whom
Noise - Please select	Nuisance noise from contractor	S L	<ul> <li>Work to be conducted and programmed to minimise noise levels and disruption</li> <li>DMU staff in surrounding area to be notified</li> <li>Allowable noise levels will depend on time of day, day of week, neighbours, internal or external work, residential area etc</li> </ul>	S L	
Electrical Work	- Flanting systics	S L	See EMS 'Electrical Activities'	S L	
	Electrocution     Loss of local services (lighting or power)     Fire	○ I ○ R ○ L ◎ U ◎ M ○ P ○ H ○ L ○ VH ○ C  Medium	Also refer to safe system of working statement reference EMS SS0010 SSOW	O:	
Site Set Up	Restricted access /	S L	See EMS 'Site Set Up (Contract Work)'	S L	
	egress for DMU staff • Unauthorised access to site • Lack of security of site	OIOR OLOU	<ul> <li>Staff to be relocated if safe access cannot be gained, if access / egress routes are changed faculty / dept lead to be informed before the change and notices posted</li> <li>Barriers / heras fencing / hoarding to be erected in accordance with the nature of the project</li> <li>On arrival the contractor must report to the ESB reception and 'sign in'</li> <li>Upon 'signing in' the contractor and all employees will be issued with site rules</li> <li>On departure the contractor and their employees must report to the ESB reception and 'sign out'. All keys must be returned when signing out</li> </ul>	O - O - O - O - O - O - O - O - O - O -	
Confined Spaces -		S L	See EMS 'Confined Spaces'	S L	
Working in confined spaces.		O L O U O M O P O H O C Medium	<ul> <li>Also refer to safe system of working statement EMS SS0002 SSOW</li> <li>Ideally enter confined spaces by using remote access methods.</li> <li>Consider duration, the tasks being performed, training requirements, physical effort required, suitability of those carrying out the work (i.e. their health) and the number of those within the confined space.</li> <li>You should also consider the work environment: access, lighting, lack of oxygen, by-products of the tasks being performed, communication methods for raising the alarm.</li> <li>Work materials also need to be considered: fire or spark risk, waste removal, fume ventilation, tools needed and their access.</li> <li>More complex work should have its own method statement.</li> </ul>	OI OR OL OU OM OP OH OL OWN OC	

Work in create a risk of each or services injury   Services and drains, was used as a risk of each or services injury   Services and drains, was used as a risk of each or services and drains, was used as a risk of each or services and drains, was used as a risk of or services and drains, was used in an ordinary of the contract of the contract of property ventilated or poorly ventilated or services.    It is of organ, last of organ, last or for services and doubt working of the contract of the contr			Activity F	Risk Assessment Form		
spaces can create a risk of death or services must report to the service of services and deaths, votal, side and tarks, chambers and deaths, death in high concentrations, liquids and solides southerly filling the solides and the services of constructions body heat.  Confined pace working conditions body heat.  Confined pace working conditions body heat.  Confined pace working conditions of consciousness or applywation and consciousness or applywation caused by an increase in industry and the services of consciousness or applywation caused by an increase in industry and the services of consciousness or applywation caused by an increase in industry and the services of consciousness or applywation caused by an increase in industry and the services of consciousness or applywation caused by an increase in industry and the services of consciousness or applywation or entire prometry to the services of the se	Activity/Task/ Situation			What are the control measures	Residual risk	Action by whom
Select    Weather conditions (For outside contractors)   O		Work in confined spaces can create a risk of death or serious injury. Examples include: pits and trenches, sewers and drains, vats, silos and tanks, chambers and ducting and unventilated or poorly ventilated rooms. Hazards include: lack of oxygen, lack of natural light, dusts in high concentrations, liquids and solids suddenly filling the space and hot working conditions / body heat. Confined space working can lead to a loss of consciousness caused by an increase in body temperature or loss of consciousness or asphyxiation caused by gas, fumes, vapours or the lack of oxygen Drowning from inflowing liquids or asphyxiation or entrapment by free flowing solid (e.g. lime,				
The storage of combustible materials such as empty cardboard boxes in DMU Buildings will only be permitted on application to the DMU project officer in approved locations and should be kept to an absolute minimum  • Combustible materials coming into contact with or in close proximity to heat sources.  • Hot works  • Hot works  • Combustible materials coming into contact with or in close proximity to heat sources.  • Hot works  • Hot works  • Combustible materials such as empty cardboard boxes in DMU Buildings will only be permitted on application to the DMU project officer in approved locations and should be kept to an absolute minimum  • Equipment should be switched off when not in use for long periods  • All hot works will require a hot works permit to be issued  • All work areas must be inspected for overhead and underground cables before work commences  • All work areas must be inspected for overhead and underground cables before work commences		(For outside	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	conditions, when working outside • External works to be reviewed / suspended in		
Underground Cables  • Contact with overhead/underground cables  • All work areas must be inspected for overhead and underground cables before work commences  • All work areas must be inspected for overhead and underground cables before work commences  • All work areas must be inspected for overhead and underground cables before work commences  • All work areas must be inspected for overhead and underground cables before work commences	materials coming into contact with or in close proximity to	materials coming into contact with or in close proximity to heat sources.	○ <sub>1</sub> ○ <sub>R</sub> ○ <sub>L</sub> ⊚ <sub>U</sub> ○ <sub>M</sub> ○ <sub>P</sub> ○ <sub>H</sub> ○ <sub>L</sub> ⊚ <sub>VH</sub> ○ <sub>C</sub>	cardboard boxes in DMU Buildings will only be permitted on application to the DMU project officer in approved locations and should be kept to an absolute minimum  • Equipment should be switched off when not in use for long periods  • All hot works will require a hot works permit to be	0 -	
● H         ○ L           ○ VH         ○ C           Medium         Image: Control of the control	Underground Cables	overhead/undergro	□		○ - ◎ ○ ○ ○ ○ ○ ○	

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	Excavations:     Contact with     underground cables	O <sub>I</sub> O <sub>R</sub> O <sub>L</sub> ⊕ U O <sub>M</sub> O <sub>P</sub> ⊕ H O <sub>L</sub> OVH O <sub>C</sub> Medium	All work areas must be inspected for overhead and underground cables before work commences	O - O O O O O O O	
Manual Handling - Please select	Musculoskeletal injuries	S L O R O L O W O M O P O H O L O WH O C Medium	Contractor to train operatives in Manual Handling techniques and safe practice Manual Handling Assessments and inform operatives of personal limits Contractor to consider all methods of alternative handling to reduce risk of injury by provision of lifting aids	S L O: 0:: 0:: 0:: 0:: 0:: 0:: 0:: 0:: 0:: 0:	
Traffic Management	• Cranes	S L  O 1 O R  O L O U  O M O P  O H O L  O VH O C  High	All crane activities are subject to a lifting plan which must be submitted before the crane is brought to site	S L O- 0- O- O- O- O- O- O- O O O O O	
Substances - Please select	Lead - lead pigments (old paint mediums, old solvent mediums)	S L O 1 O R O L O U O M O P O H O L O VH O C Medium	If the presence of hazardous materials is suspected report to the DMU project officer Tests to be conducted ascertain if hazard is present Carry out the work in such a way as hazard is avoided or minimised. (e.g. stripping of paint with chemical strippers instead of burning off DMU will notify contractor of any known or suspected hazardous materials likely to be encountered during the contract before work commences	S L O: 0 = O- O- 0 = O- O- Low	
Substances - Asbestos.	• Asbestos	S L O I O R O L O U O M O P O H O L O VH O C Medium	See EMS 'Working in Areas containing asbestos'  Asbestos Awareness training must be conducted for any personnel / contractors who will be performing disruptive building fabric work  DO NOT disturb any material containing or suspected of containing asbestos  Before conducting any disruptive work the Asbestos register must be consulted  If Asbestos is suspected then work must be stopped immediately and the relevant line manager / DMU Project officer / the approved university Asbestos monitoring contractor informed for sample analysis  If work involves demolition then a refurbishment survey should be completed by the approved university Asbestos monitoring contractor  Please consult the 'Estates Asbestos Management Procedure' as necessary, which can be found on the procedures page of the Estates Team web site  All Asbestos records must be supplied to the Head of Estates Planning & Compliance for central record keeping  If a Class 3 Asbestos Survey has been carried out for the works, the survey results will be provided to the contractor before work commences  Copies of the Class 2 asbestos survey are available to view at the ESB Reception at any time during normal working hours and should be viewed by the Contractor before commencing work or pricing work  Asbestos must only be removed by a licensed contractor	S L O I O R O L O U O M O P O H O C LOW	

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Substances - Please select	• Flammable Substances	S L	<ul> <li>All highly or extremely flammable materials are to be secured/stored in appropriate flameproof containers outside buildings location to be agreed</li> <li>When in use the minimum quantity should be in the building at any one time, and removed from the building when not in use</li> </ul>	S L	
Substances - Please select	Respiratory sensitisers	S L  O R  O L O U  O M  O P  O H  O VH  O C  Medium	DMU project officer must be informed before any respiratory sensitisers are brought onto site	S L O- 0- O O O O O O Low	
Substances - Please select	Dust/Fumes	S L	If excess dust or fumes are to be produced as a result of the work the contractor must inform the DMU project officer and a decision made in liaison with the contractor for control  DMU project officer to inform faculty	S L	
Site set up	• Induction	S L	See EMS 'Site Set Up (Contract Works)'  Site handed over to contractor: The contractor's site manager or responsible person must attend a DMU induction and is then responsible for ensuring all contractor working under their control are inducted to site. DMU provide additional copies of the DMU induction as required  For sites not handed over to the contractor all contractors staff to be inducted by DMU Project Officer	S L	
Access / Egress - Please select	Fire routes blocked     (as part of project)     Fire routes blocked     (unintentional)	S L O 1 O R O L O U O M O P O H O L O VH O C High	<ul> <li>Alternative fire route to be provided, signage installed and local users informed</li> <li>The contractor must ensure that all escape routes are maintained and clear of all obstructions</li> </ul>	S L O -	
Inexperience Staff - Please select	Lack of training/ competence	S L  O I O R  O L O U  O M O P  O H O L  O VH O C  Low	Contractor to ensure that all employees are trained and competent in accordance with the duties expected of them	S L  O: 0: ::  O:	
Communications - Contractor		S L O <sub>I</sub> O <sub>R</sub> O <sub>L</sub> O <sub>U</sub>		S L O <sub>I</sub> O <sub>R</sub> O <sub>L</sub> O <sub>U</sub>	

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	Lack of communication about training between contractor and DMU	O O O O Low	Risk assessments and method statements to be produced by the contractor in accordance with the information provided by DMU before work starts on site The results to be provided to the DMU project officer and communicated to all contractor employees affected by the results of the risk assessment	O O O O Low	
Lone Working - Staff unable to promptly summon emergency assistance in the event of serious injury, sudden illness or personal threat.	Lone working - lack of support/ supervision	S L	All contractor staff must sign in and out of site via the ESB building     If lone working is to occur, the contractor must have adequate controls for contact, support and emergency     Any out of hours working is subject to a PTW	S L O-	
Out of Hours Work - Staff unable to promptly summon emergency assistance in the event of serious injury, sudden illness or personal threat.	Out of hours working	S L  O   O R  O L O U  O M O P  O H O L  O VH O C  Medium	Out of hours working is only permitted by application to DMU and follow DMU procedures. The contractor is to ensure that their out of hours procedure and Risk Assessment cover the increased risks	S L	
Biological Hazard - Please select	Laboratories and specialized scientific facilities can contain radiological, biological and chemical hazards or energy emitting or producing equipment (e.g. lasers, microwaves, magnetic devises etc)	S L  O   O R  O L O U  O M	Work in laboratories and other special areas will only be permitted either after a safety briefing by the Area Safety manager, and issuing of work permit if required     Issue of Clearance Handover Certificate to confirm the area has been decontaminated and made safe for contractors	S L	
Traffic Management	Traffic routes Pedestrian routes Deliveries Reversing vehicles	S L O R O D O R O D O D O M O P O D O C Medium	Where practical there is to be complete segregation of vehicles and pedestrians with separate walkways and appropriate barriers/ fencing Contractor to produce a vehicle pedestrian plan in conjunction with DMU project officer in relative to the project and degree of risk Consideration must be given to: loading, one way systems, reversing, banksman, speed limits (5mph on DMU property), deliveries Roadways and footpaths to be kept clean and clear from mud and other debris	S L	

Approved by: Date Approved: Mick Jelley 09/05/2019

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