PCD CONSULTANCY (UK) LTD

DEMOLITION

FORMER MOSTON GIRLS SCHOOL

MANCHESTER

CLIENT – WATES CONSTRUCTION

RISK ASSESSMENTS

PCD Consultancy (UK) Ltd	Project Name:	Document Name:
	Moston School	Risk Assessments

WORKPLACE RISK ASSESSMENT NUMBER: 003 **DATE:** 6-08-2013
PCD CONSULTANCY (UK) LTD

LOCATION
Moston Girls School, Manchester

OPERATION/PROCESS	**MANUAL HANDLING ASSESSMENT**
Lorry Movement Onto Site	N/A
EQUIPMENT USED Lorry Heras Fencing	**COSHH ASSESSMENT** N/A
SUBSTANCES USED Nil	**NOISE AND VIBRATION ASSESSMENT** To be Assessed

Risks and Hazards Identified	**Before Controls**				**After Controls**		
	L	**M**	**H**		**L**	**M**	**H**
RTA	X				X		
Lorry striking personnel or material	X				X		
Fouling of road surface	X				X		

EXPOSED PERSONS:
banks man, operatives, pedestrians, other road users

FREQUENCY OF EXPOSURE	**DURATION OF EXPOSURE**

CONTROL MEASURES P.P.E. INSTRUCTION/INFORMATION/TRAINING

- Create recessed gate from Heras fencing to allow vehicles to clear the main road prior to entering the site.
- Lorry drivers to be inducted onto site and instructed in the use of the gate entry system.
- Lorries to be under strict control of the banks man.
- Banks man to wear hi-visibility jacket.
- Organise pedestrian free traffic route on site.
- Monitor road conditions.
- If necessary arrange wheel cleaning procedure.
- Any operative clearing mud from the road to wear hi-vis jacket and to be instructed how to do so in safety.
- All drivers of site vehicles to be trained

MONITORING RESULTS

ASSESSOR	**POSITION**
Phil Cork	Director

PCD Consultancy (UK) Ltd	Project Name:	Document Name:
	Moston School	Risk Assessments

WORKPLACE RISK ASSESSMENT NUMBER: 006 **DATE:** 6-08-2013
PCD CONSULTANCY (UK) LTD

LOCATION
Moston Girls School, Manchester

OPERATION/PROCESS	**MANUAL HANDLING ASSESSMENT**
Operating Excavator	N/A
EQUIPMENT USED	**COSHH ASSESSMENT**
Excavators	Refer to COSHH assessment for Diesel
SUBSTANCES USED	**NOISE AND VIBRATION ASSESSMENT**
Diesel	N/A

Risks and Hazards Identified	**Before Controls**			**After Controls**		
	L	**M**	**H**	**L**	**M**	**H**
Striking of underground cables			X	X		
Failing of lifting equipment		X		X		
Striking of operatives		X		X		
Collision with other machinery / equipment		X		X		

EXPOSED PERSONS:
Operatives / bystanders

FREQUENCY OF EXPOSURE	**DURATION OF EXPOSURE**
Various	Daily

CONTROL MEASURES P.P.E. INSTRUCTION/INFORMATION/TRAINING

- Area to be thoroughly checked for cables before starting (Existing drawings, Cable locator)
- Obtain permit to dig prior to work commencing
- All operative to be CITB/CTA trained
- Only lift within capacity of machine (Check SWL)
- Ensure lifting equipment is suitable with in date record of examination (6 monthly)
- Machine to be check daily by operator, for any defaults
- Record of inspection to be filled out weekly

MONITORING RESULTS
Site manager / safety officers to monitor operatives performance

ASSESSOR	**POSITION**
Phil Cork	Director

PCD Consultancy (UK) Ltd	Project Name:	Document Name:
	Moston School	Risk Assessments

WORKPLACE RISK ASSESSMENT NUMBER: 007 **DATE:** 6-08-2013
PCD CONSULTANCY (UK) LTD

LOCATION
Moston Girls School, Manchester

OPERATION/PROCESS	**MANUAL HANDLING ASSESSMENT**
Banking Vehicle's	N/A
EQUIPMENT USED	**COSHH ASSESSMENT** N/A
SUBSTANCES USED N/A	**NOISE AND VIBRATION ASSESSMENT** N/A

Risks and Hazards Identified	**Before Controls**				**After Controls**			
	L	**M**	**H**		**L**	**M**	**H**	
Being hit by lorry reversing / overturning			X		X			
Being hit by discharged materials			X		X			
Trips	X				X			

EXPOSED PERSONS:
Banks man

FREQUENCY OF EXPOSURE	**DURATION OF EXPOSURE**
Daily	Various

CONTROL MEASURES P.P.E. INSTRUCTION/INFORMATION/TRAINING

- Always stand where the driver can see you
- Banks man to wear hi-visibility clothing
- Give clear and precise signals
- Undo tail gate then move to safe area prior to vehicle depositing materials
- Ensure banks man have received suitable training
- Check area for trip hazards

MONITORING RESULTS

ASSESSOR	**POSITION**
Phil Cork	Director

PCD Consultancy (UK) Ltd	Project Name:	Document Name:
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WORKPLACE RISK ASSESSMENT NUMBER: 008 **DATE:** 6-08-2013
PCD CONSULTANCY (UK) LTD

LOCATION
Moston Girls School, Manchester

OPERATION/PROCESS	**MANUAL HANDLING ASSESSMENT**
Lorries Deliveries	N/A
EQUIPMENT USED	**COSHH ASSESSMENT**
Lorries	N/A
SUBSTANCES USED	**NOISE AND VIBRATION ASSESSMENT**
N/A	N/A

Risks and Hazards Identified	**Before Controls**			**After Controls**		
	L	**M**	**H**	**L**	**M**	**H**
Striking personnel / other vehicles / materials			X	X		
Lorry overturning		X		X		

EXPOSED PERSONS:
All site operatives

FREQUENCY OF EXPOSURE	**DURATION OF EXPOSURE**
Daily	Various

CONTROL MEASURES P.P.E. INSTRUCTION/INFORMATION/TRAINING

- Receive instructions at site entrance/escort if possible
- Observe speed limit
- Separate pedestrians from site vehicles
- Obey banks man instructions
- Do not tip until banks man is clear and given the signal

MONITORING RESULTS

ASSESSOR	**POSITION**
Phil Cork	Director

PCD Consultancy (UK) Ltd	Project Name:	Document Name:
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WORKPLACE RISK ASSESSMENT NUMBER: 011 **DATE:** 6-08-2013
PCD CONSULTANCY (UK) LTD

LOCATION
Moston Girls School, Manchester

OPERATION/PROCESS	**MANUAL HANDLING ASSESSMENT**
Working At Height	
EQUIPMENT USED	**COSHH ASSESSMENT**
Access equipment, e.g. MEWPs	
SUBSTANCES USED	**NOISE AND VIBRATION ASSESSMENT**

Risks and Hazards Identified	**Before Controls**				**After Controls**		
	L	**M**	**H**		**L**	**M**	**H**
Operatives falling form height			X		X		
Falling through fragile roof			X		X		
Falling debris			X		X		
Those beneath being injured			X		X		

EXPOSED PERSONS:
Operatives and anyone working below

FREQUENCY OF EXPOSURE	**DURATION OF EXPOSURE**

CONTROL MEASURES P.P.E. INSTRUCTION/INFORMATION/TRAINING

- All access equipment is properly constructed (inspections recorded maintained)
- Method statement to be produced and adhered to
- Only trained operatives control the access equipment
- MEWP to be used for access and tools only – no loading
- No access equipment to be loaded above its safe working load
- Where work involves leaning out on an open leading edge, then all operatives are to be fitted with full body harness. The harness must be connected at all times
- All fall arrest equipment to be correctly maintained
- Operatives have tasks fully explained prior to commencing work
- NEVER leave the MEWP whilst elevated

MONITORING RESULTS

ASSESSOR	**POSITION**
Phil Cork	Director

PCD Consultancy (UK) Ltd	Project Name:	Document Name:
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WORKPLACE RISK ASSESSMENT NUMBER: 013 **DATE:** 6-08-2013
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LOCATION
Moston Girls School, Manchester

OPERATION/PROCESS	**MANUAL HANDLING ASSESSMENT**
Materials Falling From Height	May be required depending on operation
EQUIPMENT USED	**COSHH ASSESSMENT**
Access equipment, e.g.: scaffold, MEWP, tower plant and/or craneage	May be required depending on operation
SUBSTANCES USED	**NOISE AND VIBRATION ASSESSMENT**
Nil	N/A

Risks and Hazards Identified	**Before Controls**			**After Controls**		
	L	**M**	**H**	**L**	**M**	**H**
Materials falling from a height			X	X		
Operatives falling from height			X	X		

EXPOSED PERSONS:
Contractors, visitors, members of the public

FREQUENCY OF EXPOSURE	**DURATION OF EXPOSURE**
Depending on operation performed	Depending on operation performed

CONTROL MEASURES P.P.E. INSTRUCTION/INFORMATION/TRAINING

- Enforce wearing of hard hats and safety footwear on site.
- Ensure that toe boards are fitted on access equipment as required.
- Mesh infills / brickguards must be in place on equipment as required.
- Operate exclusion zones under and around area of operation.
- Erect barriers/hoarding/fencing and post safety signage.
- Operatives should keep tools in shoulder tool bags.
- Crash decking/ protective fans/safety nets etc. must be considered.
- Ensure proper packaging, bonding and trained and competent operatives.
- Follow method statement and safe system of work for operation.

MONITORING RESULTS
Competent person to carry out weekly inspections and record results in register

ASSESSOR	**POSITION**
Phil Cork	Director

PCD Consultancy (UK) Ltd	Project Name:	Document Name:
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WORKPLACE RISK ASSESSMENT NUMBER: 026 **DATE: 6-08-2013**
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LOCATION
Moston Girls School, Manchester

OPERATION / PROCESS	**MANUAL HANDLING ASSESSMENT**
HAND TOOLS USE	N/A
Equipment used Hammer and sledgehammer Screwdriver Knife Mattock etc.	**COSHH ASSESSMENT** N/A
SUBSTANCES USED N/A	**NOISE AND VIBRATION ASSESSMENT** N/A

Risks and Hazards Identified	**Before Controls**			**After Controls**		
	L	**M**	**H**	**L**	**M**	**H**
Impact with the tool			X	X		
Falls due to access problems			X	X		
Contamination with substance being worked		X		X		

EXPOSED PERSONS:
All operatives on site

FREQUENCY OF EXPOSURE	**DURATION OF EXPOSURE**
Varied	Varied

CONTROL MEASURES P.P.E. INSTRUCTION/INFORMATION/TRAINING

- Tool is correct for job
- Tool is in good order and suitably sharp
- Operative is instructed how to use tool safely
- Lighting is sufficient
- Access is safe, working platform is secure, leading edge is guarded
- Operative is trained in site safety
- Operative is wearing all necessary PPE

MONITORING RESULTS

ASSESSOR	**POSITION**
Phil Cork	Director

PCD Consultancy (UK) Ltd	Project Name:	Document Name:
	Moston School	Risk Assessments

WORKPLACE RISK ASSESSMENT NUMBER: 036 **DATE:** 6-08-2013
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LOCATION
Moston Girls School, Manchester

OPERATION/PROCESS	**MANUAL HANDLING ASSESSMENT**
FUEL / REFUELLING	
EQUIPMENT USED Pumping equipment Fuel Containers	**COSHH ASSESSMENT** Required for Diesel / Petrol
SUBSTANCES USED Diesel / Petrol	**NOISE AND VIBRATION ASSESSMENT**

Risks and Hazards Identified	**Before Controls**			**After Controls**		
	L	**M**	**H**	**L**	**M**	**H**
Fire / Explosion			X			
Ground contamination from spillage	X					
Slips from spillage's	X					

EXPOSED PERSONS:

FREQUENCY OF EXPOSURE	**DURATION OF EXPOSURE**

CONTROL MEASURES P.P.E. INSTRUCTION/INFORMATION/TRAINING

- Strictly NO SMOKING whilst refuelling
- Switch off engines and lights
- Mobile phones to be switched off and not used
- Place rubbish in appointed containers only
- Use only approved containers to carry or dispense fuel into
- Replace hose after use
- Provide interception / drip tray
- Park as close as possible to filling point to avoid over stretching hose
- Only persons trained and over 18 dispense fuel
- Authority required to receive to receive fuel

MONITORING RESULTS

ASSESSOR	**POSITION**
Phil Cork	Director

PCD Consultancy (UK) Ltd	Project Name:	Document Name:
	Moston School	Risk Assessments

WORKPLACE RISK ASSESSMENT NUMBER: 043 **DATE:** 6-08-2013
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LOCATION
Moston Girls School, Manchester

OPERATION/PROCESS	**MANUAL HANDLING ASSESSMENT**
STORAGE AND USE OF GAS CYLINDERS FOR HOT WORKS OPERATIONS	Required if gas bottles are moved manually
EQUIPMENT USED Oxygen gas bank Propane jar cylinders	**COSHH ASSESSMENT** Required for exposure to propane gas
SUBSTANCES USED Oxygen and propane gas	**NOISE AND VIBRATION ASSESSMENT** Not required

Risks and Hazards Identified	**Before Controls**			**After Controls**		
	L	**M**	**H**	**L**	**M**	**H**
Fire risk			X	X		
Explosion risk			X	X		
Vehicles/ personnel dislodging loose gas cylinders		X		X		

EXPOSED PERSONS:
All operatives on site

FREQUENCY OF EXPOSURE	**DURATION OF EXPOSURE**
Varied	Varied

CONTROL MEASURES P.P.E. INSTRUCTION/INFORMATION/TRAINING

- Fit flashback arrestors
- Provision of gas cage with safety signage for propane cylinders.
- Safety signage at site of oxygen bank.
- Gas bank and cage to be out of the way of traffic/ pedestrian routes.
- No smoking policy in area of storage.
- Gas bottles and hosing checked damage/ leaks.
- Trained banks men used for vehicles in area if required.
- Tie up or otherwise secure loose gas cylinders.
- LPG to be stored separately from other gases (O_2)

MONITORING RESULTS

ASSESSOR	**POSITION**
Phil Cork	Director

PCD Consultancy (UK) Ltd	Project Name:	Document Name:
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WORKPLACE RISK ASSESSMENT NUMBER: 044 **DATE:** 6-08-2013
PCD CONSULTANCY (UK) LTD

LOCATION
Moston Girls School, Manchester

OPERATION/PROCESS	**MANUAL HANDLING ASSESSMENT**
MANUAL HANDLING OF GENERAL ITEMS	Will be required for each operative as required.
EQUIPMENT USED	**COSHH ASSESSMENT**
Various, including barrows, lifting aids.	May be required depending on the substance handled.
SUBSTANCES USED	**NOISE AND VIBRATION ASSESSMENT**
Various, may include cement, mortar, blocks, bricks etc.	Depends on background noise.

Risks and Hazards Identified	**Before Controls**			**After Controls**		
	L	M	H	L	M	H
Muscular skeletal injuries if the load is too heavy or awkward			X	X		
Operative falling/ tripping			X	X		
Contamination from the substance being carried		X		X		
Fall of material being carried			X	X		

EXPOSED PERSONS:
Operative and bystander/ colleagues

FREQUENCY OF EXPOSURE	**DURATION OF EXPOSURE**
Varied	Varied

CONTROL MEASURES P.P.E. INSTRUCTION/INFORMATION/TRAINING

- Operative involved in handling to be assessed or physical capability prior to lifting and carrying (operative to be trained in Kinetic handling).
- Operative to wear PPE against substance being carried.
- Ensure good housekeeping against tripping/fall hazards.
- Operative to get assistance if load too heavy- team lift if necessary.
- Utilise mechanical lifting and carrying aids where possible.
- Ensure access equipment, ladders will take weight of operative and load being carried.
- Ensure item being carried is properly bonded or will not be liable to break apart whilst being manually handled.

MONITORING RESULTS
Manual handling injuries are a constant risk on building sites. Assessment of an operatives training and physical capabilities must be carried out prior to lift.

ASSESSOR	**POSITION**
Phil Cork	Director

PCD Consultancy (UK) Ltd	Project Name:	Document Name:
	Moston School	Risk Assessments

WORKPLACE RISK ASSESSMENT NUMBER: 058 **DATE:** 6-08-2013
PCD CONSULTANCY (UK) LTD

LOCATION
Moston Girls School, Manchester

OPERATION/PROCESS	**MANUAL HANDLING ASSESSMENT**
GAS CUTTING AND BURNING	N/A
EQUIPMENT USED	**COSHH ASSESSMENT**
Burning equipment	N/A
SUBSTANCES USED	**NOISE AND VIBRATION ASSESSMENT**
N/A	N/A

Risks and Hazards Identified	**Before Controls**			**After Controls**		
	L	**M**	**H**	**L**	**M**	**H**
Fire			X	X		
Explosions			X	X		
Burns			X	X		
Light exposure to eyes			X	X		

EXPOSED PERSONS:
Operatives carrying out burning operation and operatives working in very close proximity

FREQUENCY OF EXPOSURE	**DURATION OF EXPOSURE**
Various	Various

CONTROL MEASURES P.P.E. INSTRUCTION/INFORMATION/TRAINING

- Ensure only the necessary operatives work in the area where cutting and burning works are in progress
- Ensure operative where flame retardant overalls
- Approved visor or goggles to be worn at all times
- Flame retardant gloves to be work
- Air flow mask to be worn when working in confined spaces
- Ensure method statement is in place prior to starting works
- Ensure hot works permit is issued and in place before starting the works
- Ensure standard safety procedures are followed at all times

MONITORING RESULTS

ASSESSOR	**POSITION**
Phil Cork	Director

PCD Consultancy (UK) Ltd	Project Name:	Document Name:
	Moston School	Risk Assessments

WORKPLACE RISK ASSESSMENT NUMBER: 059 **DATE:** 6-08-2013
PCD CONSULTANCY (UK) LTD

LOCATION
Moston Girls School, Manchester

OPERATION/PROCESS	**MANUAL HANDLING ASSESSMENT**
HOT WORKS CUTTING	N/A
EQUIPMENT USED	**COSHH ASSESSMENT**
To be entered	N/A
SUBSTANCES USED	**NOISE AND VIBRATION ASSESSMENT**
N/A	N/A

Risks and Hazards Identified	**Before Controls**			**After Controls**		
	L	**M**	**H**	**L**	**M**	**H**
Burns to eyes		X		X		
Burns		X		X		

EXPOSED PERSONS:
Operative doing the burning, operatives working in close proximity

FREQUENCY OF EXPOSURE	**DURATION OF EXPOSURE**
Various	Various

CONTROL MEASURES P.P.E. INSTRUCTION/INFORMATION/TRAINING

- PPE either visor or goggles. Visor protection the whole face, goggles just the eyes
- Glove – Gauntlet type leather only
- Boots - Leather safety boots
- Respirator maybe required where cutting galvanized steel or anywhere else toxic fumes and gases arise. Dust can also be a problem and forced ventilation may be required.

MONITORING RESULTS
Site manager to monitor

ASSESSOR	**POSITION**
Phil Cork	Director

PCD Consultancy (UK) Ltd	Project Name:	Document Name:
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WORKPLACE RISK ASSESSMENT NUMBER: 032 **DATE:** 6-08-2013
PCD CONSULTANCY (UK) LTD

LOCATION
Moston Girls School, Manchester

OPERATION/PROCESS	**MANUAL HANDLING ASSESSMENT**
HOISTING MATERIALS/ OPERATIVES	
EQUIPMENT USED	**COSHH ASSESSMENT**
Mobile elevated working platforms (MEWP)	N/A
SUBSTANCES USED	**NOISE AND VIBRATION ASSESSMENT**
N/A	N/A

Risks and Hazards Identified	**Before Controls**			**After Controls**		
	L	**M**	**H**	**L**	**M**	**H**
Tipping MEWP			X	X		
Falling from MEWP			X	X		
Dropping material from MEWP			X	X		

EXPOSED PERSONS:
Operator/ bystanders

FREQUENCY OF EXPOSURE	**DURATION OF EXPOSURE**
Various	various

CONTROL MEASURES P.P.E. INSTRUCTION/INFORMATION/TRAINING

- All operators shall be trained and competent in the use of the equipment.
- Equipment to be certified and in good order (6mths examination)
- Ensure MEWP is not overloaded
- Access to the work area during hoisting operations is to be restricted to those involved with the work in hand.
- Ensure machine stability whilst working.
- Record of inspection to be kept (F91 or similar)
- Use of safety harness is strongly recommended

MONITORING RESULTS

ASSESSOR	**POSITION**
Phil Cork	Director

PCD Consultancy (UK) Ltd	Project Name:	Document Name:
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WORKPLACE RISK ASSESSMENT NUMBER: 059 **DATE: 6-08-2013**
PCD CONSULTANCY (UK) LTD

LOCATION
Moston Girls School, Manchester

OPERATION/PROCESS	**MANUAL HANDLING ASSESSMENT**
Suspected ACM Material	N/A
EQUIPMENT USED	**COSHH ASSESSMENT**
Demolition Excavator	N/A
SUBSTANCES USED	**NOISE AND VIBRATION ASSESSMENT**
N/A	N/A

Risks and Hazards Identified	**Before Controls**			**After Controls**		
	L	**M**	**H**	**L**	**M**	**H**
Inhalation of fibres			X	X		
Exposure to dust			X	X		

EXPOSED PERSONS:
360 degree machine operator

FREQUENCY OF EXPOSURE	**DURATION OF EXPOSURE**
Various	Various

CONTROL MEASURES P.P.E. INSTRUCTION/INFORMATION/TRAINING

- Asbestos awareness training
- Disposable mask to be worn
- Demolition works to cease and material to be analyzed, area to be made structurally safe
- No persons to touch suspected items
- Working area to be fenced off until analysis is completed by third parties

MONITORING RESULTS
Site manager to monitor

ASSESSOR	**POSITION**
Phil Cork	Director