Risk Assessment

Activity	Bathroom Installation	**Ref**	RA045
Description	Fitting of bathroom sanitary ware and associated plumbing works.		
Assessor		**Date**	

Hazard Identification

Hazard	Likelihood	Severity	Risk
Exposure to hot water or steam	L **M** H	L **M** H	L **M** H
Pressurised water systems	L **M** H	L **M** H	L **M** H
Wet floors or surfaces	L **M** H	**L** M H	**L** M H
Electrical works	**L** M H	L M **H**	L **M** H
Portable electrical equipment	**L** M H	L **M** H	L **M** H
Hand tools	**L** M H	L **M** H	**L** M H
Waste	L **M** H	**L** M H	**L** M H
Manual handling	**L** M H	**L** M H	**L** M H
Dust	**L** M H	L **M** H	**L** M H
Asbestos	**L** M H	L M **H**	L **M** H
Poor posture	**L** M H	**L** M H	**L** M H
Hot works	L **M** H	L **M** H	L **M** H
Hazardous substances	L **M** H	**L** M H	**L** M H

People at Risk

- [x] Workers
- [x] Adjacent Workers
- [ ] Site Wide Workers
- [x] Occupants
- [ ] Visitors
- [ ] Members of Public

Controls

Risk	Control Measures
Hot water or steam Burns or scalds from exposure	Ensure that all services are isolated and run the appropriate checks prior to working on services. Check if services are passing by running taps etc. Water supply to be isolated each side of work operations prior to starting work. Warning notices to be displayed to warn of potential wet floors during operations.
Pressurised water systems Projectiles and leaks	Assess the system and check maintenance records. Follow manufacturers guidance regarding installation and modifications. Isolate and drain down as necessary prior to modifications. Re-examine and test on completion before putting system back into use.
Wet surfaces Slips due to wet floors and surfaces	Isolate services to reduce water in work area. Clean up any spills or leaks as they occur. Display wet floor signs or create exclusion zone where risk to others.
Electrical works Injury due to electrical alterations	Electricians to be competent NICEIC registered engineer to undertake the work. Electricity to be isolated and made safe prior to strip out works commencing. Electrical risk assessments to be carried out for electrical installation. Electricians to supply electrical certificate on completion following testing.

Risk	Control Measures
Portable electrical equipment Electric shock or faults	All portable appliances checked at regular intervals. A schedule of PAT testing and up to date inventory of portable electrical equipment to be kept. All equipment to be serviced and maintained in line with manufacturers recommendations. Any faults to be reported to management immediately and the equipment taken out of use. All portable electrical equipment is identified by a unique number marked on the equipment. Visual inspections to be carried out before use.
Hand tools Injury from cuts or projectiles	Ensure equipment is safe and in good condition and suitable for the task. Ensure tools are in good condition before use. Suitable gloves and safety goggles worn at all times during cutting operations. Wear gloves, safety goggles and face mask during any grinding operations. Correct use of tools in accordance with manufacturer's recommendations at all times and specific risk assessments for hand tools / equipment where risks are significant.
Waste Contact with waste and residue	Appropriate PPE to be worn at all times when removing sanitary wear. Good hygiene and washing prior to taking a break after a task associated with waste.
Manual handling Injury from lifting, carrying and handling	Do not lift items if they are too heavy or awkward. Manual handling to be minimised as far as practical, with items broken down in to smaller loads or assistance sought through mechanical aids or team lifts where required. Items delivered close to working area to reduce lifting and carrying. Mechanical aids used where practicable. All operatives to be trained in safe manual handling techniques and procedures. Team lifting used for heavier items where mechanical aids cannot be used.

Risk	Control Measures
Dust Dust exposure	Operatives to wear dust masks at all times during strip out works, cutting or mixing operations. Works to be carried out by methods which avoid creation of excessive dust. Hosing / damping down of works to keep dust nuisance to minimum levels.
Asbestos Accidental exposure	No work to be undertaken where asbestos may be disturbed. Refer to refurbishment and demolition asbestos survey before commencing work. All operatives have asbestos awareness training. If asbestos is found or suspected stop work immediately, evacuate area and inform the site manager.
Poor posture Strain from awkward working positions	Wear appropriate PPE, kneepads, shin guards etc. Use suitable tools and equipment to reduce need to work in awkward positions. Take regular breaks from working in awkward / uncomfortable positions where these cannot be avoided entirely.
Hot works Burns and fire risk from hot works	Ensure hot works permit is obtained from the site manager / supervisor prior to any hot works being carried out and the control measures within are complied with. 1 hour fire checks in place for any hot works. Fire extinguisher to be available. Remove all flammable materials from work area prior to completing any hot works.
Hazardous substances Exposure to hazardous substances	Use non or low hazardous paints, adhesives, sealants and chemicals where possible. Wear personal protective equipment (gloves/safety glasses) and barrier creams prior to handling hazardous substances. Wash off all contact chemicals and paint as soon as practicable. Follow recommendations of manufacturer and suppliers as detailed in the material safety data sheet and ensure COSHH assessment carried out prior to use.

Risk Level

<L	L	M	H	!
Very Low	**Low**	**Medium**	**High**	**Very High**
safe to proceed work under standard control measures	safe to proceed work under additional control measures	proceed with caution under additional controls measures	proceed with caution under further controls with supervision	unsafe DO NOT proceed - essential further action needed

Further Action

Action Required	Timeframe	By	Date
Ensure adequate supervision is provided and that control measures remain valid for the duration of the works.	Ongoing		
Safe systems of work are provided and issued to all staff and training provided in their use.	1 week Refresh at inductions		
All staff to be trained in the importance and use of correct Personal Protective Equipment and wearing of the correct PPE made a condition of employment.	1 week Refresh at inductions		

Acknowledgement

Name	Signature	Date