

# Residual Hazards

## Steel doors and louvres - cleaning and maintenance

Residual Hazard	Comments
Working at Height	A suitable risk assessment must be in place where working at height cannot be eliminated through the use of alternative equipment. Risk assessments should consider work equipment or other measures to prevent falls or minimise the distance and consequences of a fall.
Materials & Substances (Hazardous)	COSHH sheets must be issued with Method Statement for all substances / materials being used for the task of cleaning and maintenance. Materials / substances (including containers) must be disposed of.
Materials & Substances - PPE	The appropriate COSHH sheet will identify the required PPE for the specific hazardous substance or material that must be worn during the cleaning process.
Spill Control	Suitable emergency equipment should be in place to prevent pollution impacting the local environment based upon substances / materials and quantities being used during process.
Ventilation	Based upon selection of substance or materials for the purpose of cleaning the use of an extractor may be required. Reference should be made to the appropriate MSDS / COSHH sheet.
Slips, trip & Falls	Good housekeeping at all times. Ensure work area is kept clean & tidy during the process. Areas should be left clean and tidy on completion of the process.
Cuts	Heavy duty gloves should be worn during cleaning process
Working Area Hazards	If there is any Risk of injury to persons from work being carried out then a working area should be sectioned off and signage place around location.
Confined Space	Where works are deemed to be in a confined space a separate Risk Assessment will be required and only trained operatives to carry out the cleaning or maintenance process.
Electricity	All electrical equipment must be suitable for task to hand and site conditions, PAT tested and checked prior to use. A suitable RCD power breaker device should be fitted. Voltage of equipment must be in line with site specific regulations. Reference Electricity at Work Regulations 1989.
Electricity	Some of Sunray Engineering's products may have access electrical access control systems installed. Power must be isolated by competent person prior to undertaking maintenance or cleaning.
Site specific hazards	Localised or site specific identified hazards must be reviewed prior to commencing process. Identified high risks must be incorporated into any risk assessment.
Waste Substances and materials	All waste substances, materials and contaminated containers or packaging should be disposed of by site or internal hazardous waste policies.

## Steel doors and louvres - decommissioning, dismantling and demolition

Residual Hazard	Comments
Working at height	A suitable risk assessment must be in place where working at height cannot be eliminated through the use of alternative equipment. Risk assessments should consider work equipment or other measures to prevent falls or minimise the distance and consequences of a fall.
Slips, trip and falls	Good housekeeping at all times. Ensure work area is kept clean, tidy and free from obstructions during the process. Areas should be left clean and tidy on completion of the process.
Cuts	Heavy duty gloves should be worn during the dismantling or decommissioning process.
Mechanical equipment	All workers should wear safety glasses, gloves, protective clothing and safety footwear whilst undertaking decommissioning of door and louvre assemblies.
Mechanical equipment	All power tools should be assessed for use in line with PUWER 1998 and Control of Vibration at Work Regulations 2005.
Noise	Hearing protection must be worn where equipment / task is in excess of 85dB(A)
Electricity	Some of Sunray Engineering's products may have access electrical access control systems installed. Power must be permanently isolated by competent person prior to dismantling assembly.
Electricity	All electrical equipment must be suitable for task to hand and site conditions, PAT tested, and operator checked prior to first use. A suitable RCD power breaker device should be fitted. Voltage of equipment must be in line with site specific regulations. Reference Electricity at Work Regulations 1989.
Manoeuvring of materials	Personnel dismantling doors and louvre assemblies should have attended a Manual Handling training course. Heavy duty gloves should be worn at all times.
Working area hazards	If there is any Risk of injury to persons from work being carried out then a working area should be sectioned off and signage place around location.
Ventilation	Based upon selection of substance or materials for the purpose of cleaning the use of an extractor may be required. Reference should be made to the appropriate MSDS / COSHH sheet.
Confined space	Where works are deemed to be in a confined space a separate Risk Assessment will be required and only trained operatives to carry out the removal / decommissioning process.
Site specific hazards	Localised or site specific identified hazards must be reviewed prior to commencing process. Identified high risks must be incorporated into any risk assessment.
Waste substances & materials	Sunray products are manufactured from steel. Factory finishing in powder coat may be applied when requested. All waste materials should be disposed of in line with site or internal waste policies.