

CREW DETAILS

IN AN EMERGENCY CALL:

Crew Leader:	Project Phone Number:
Crew:	

PROJECT OVERVIEW

Purpose of Project:	Date of Project:
<p>Benefit of Project: Enhances property value by removing environmental hazards. Ensures compliance with environmental and safety regulations. Facilitates safe renovation and construction activities. Improves building safety and air quality. Protects public health by eliminating hazardous materials. Reduces the risk of asbestos-related illnesses and liabilities.</p>	

HAZARDS

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Adverse weather	Worksite disruptions, Worker injuries, Delays to project timeline	Proceeding despite this risk allows for efficient project scheduling while maintaining worker safety.	Monitor weather forecasts and plan abatement activities around severe weather conditions. Use protective coverings and enclosures to shield the worksite, and establish clear procedures for stopping work if weather poses a risk. (ALL)	Workers	Before Measure: Med After Measure: Low
Cross-contamination during abatement	Spread of fibers to non-work areas, Increased cleanup costs, Delayed project phases	Controlling cross-contamination minimizes delays in transitioning to other project phases.	Use dedicated tools and equipment for the asbestos work area. Establish protocols for cleaning and disinfecting tools before removing them from the site. (ALL)	Workers, occupants	Before Measure: High After Measure: Low

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Delayed response to emergencies	Increased severity of incidents, Prolonged downtime, Reduced worker confidence	Being prepared ensures incidents are resolved swiftly, minimizing downtime and project delays.	Develop a site-specific emergency response plan, including designated roles for workers. Conduct mock drills to ensure all team members understand their responsibilities. (ALL)	Workers	Before Measure: High After Measure: Low
Exposure to secondary hazards (e.g., sharp objects, confined spaces)	Worker injuries, Equipment damage, Delays in work progress	Addressing secondary hazards ensures the project stays on schedule by preventing related incidents.	Conduct site hazard assessments to identify secondary risks and implement control measures, such as protective barriers or confined space protocols. (ALL)	Workers	Before Measure: High After Measure: Low
Failure to comply with regulations	Legal penalties, Project shutdowns, Damage to organizational reputation	Compliance enables the project to move forward without legal penalties or shutdowns.	Regularly review and implement updates to local and national asbestos abatement regulations. Designate a compliance officer to oversee adherence to legal requirements. (ALL)	Workers, organization	Before Measure: High After Measure: Low
Failure to conduct air monitoring	Undetected fiber release during activities, Delayed corrective actions, Increased health risks	Real-time monitoring ensures ongoing safety while allowing work to proceed confidently.	Implement regular air sampling before, during, and after abatement activities. Use accredited laboratories for sample analysis and take corrective actions if asbestos levels exceed permissible limits. (ALL)	Workers, occupants	Before Measure: High After Measure: Low
Failure to isolate electrical systems	Electrocution risk for workers, Accidental power outages, Equipment damage	Isolating systems prevents hazards while allowing safe operation in environments requiring controlled access.	De-energize and lock out all electrical systems within the abatement area. Label circuits clearly to avoid accidental re-energization and conduct thorough checks before starting work. (ALL)	Workers	Before Measure: High After Measure: Low

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Failure to notify relevant authorities	Legal penalties, Delayed project start, Lack of regulatory support during abatement	Notification provides legal protection and ensures uninterrupted project work with regulatory support when needed.	Inform local regulatory agencies about planned asbestos abatement projects as required. Maintain open communication channels for updates and compliance verification. (ALL)	Workers, regulatory bodies	Before Measure: Med After Measure: Low
Fatigue and overexertion of workers	Reduced focus leading to errors, Increased injury risk, Delayed project timelines	Managing fatigue allows the project to continue safely and efficiently without compromising worker performance.	Implement shift rotations and enforce mandatory breaks to prevent fatigue. Provide adequate hydration and nutrition options on-site to support worker health and focus. (ALL)	Workers	Before Measure: High After Measure: Low
Improper decontamination procedures	Contaminated PPE spreads fibers outside work area, Insufficient cleaning of tools and equipment, Workers exposed to fibers during removal of PPE	Ensures smooth execution of the project by minimizing contamination risks, reducing downtime, and maintaining compliance.	Establish decontamination units with separate clean and dirty zones. Implement strict protocols for workers to follow when entering and exiting the work area, including proper removal and disposal of contaminated PPE. (ALL)	Workers	Before Measure: High After Measure: Low
Improper labeling and signage	Unclear identification of ACMs, Workers unaware of hazards, Increased risk of accidental exposure	Avoids legal penalties and ensures that the workforce and nearby individuals are aware and alert during abatement.	Clearly label all ACMs and post warning signs at the entrance to asbestos work areas. Ensure that signage is in languages understood by all workers and includes universal hazard symbols. (ALL)	Workers, occupants	Before Measure: Med After Measure: Low

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Improper transportation of asbestos waste	Release of asbestos during transit, Legal non-compliance, Environmental contamination	Accepting this risk ensures waste is removed efficiently, reducing delays caused by improper logistics or environmental violations.	Transport asbestos waste in sealed, labeled containers using vehicles compliant with hazardous waste regulations. Train drivers in safe handling procedures and emergency response. (ALL)	Workers, public	Before Measure: High After Measure: Low
Improper use of personal protective equipment (PPE)	Incorrectly worn PPE, PPE damage during use, Insufficient training on PPE usage	Accepting this risk ensures that abatement work can proceed without delays caused by unprepared workers.	Provide appropriate PPE, including respirators, disposable coveralls, gloves, and eye protection. Ensure all workers receive training on correct usage, maintenance, and disposal of PPE to maintain its effectiveness. (ALL)	Workers	Before Measure: High After Measure: Low
Improper use of tools and equipment	Tools cause fiber release, Increased risk of worker injury, Equipment failure during abatement	Accepting the risk allows the use of appropriate tools to efficiently complete the abatement process while minimizing hazards.	Utilize tools designed to minimize asbestos fiber release, such as manual hand tools instead of power tools. Ensure all equipment is regularly maintained and workers are trained in their proper use. (ALL)	Workers	Before Measure: High After Measure: Low
Inadequate asbestos identification	Unidentified ACMs remain in the work area, Risk of exposure to airborne fibers, Delayed project schedules, Increased legal risks	Accurate identification allows the project to proceed safely and efficiently while preventing legal and financial repercussions.	Conduct comprehensive asbestos surveys before commencing work to identify all asbestos-containing materials (ACMs). Ensure that only qualified professionals perform these surveys, and maintain detailed records accessible to all relevant personnel. (ALL)	Workers, occupants	Before Measure: High After Measure: Low

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Inadequate containment of work area	Asbestos fibers escape into adjacent areas, Contamination of clean zones, Increased health risks to non-workers	Proceeding with effective containment measures minimizes disruptions to nearby operations while ensuring abatement can continue.	Erect airtight enclosures using polyethylene sheeting and maintain negative air pressure with HEPA-filtered ventilation systems to prevent asbestos fibers from escaping the work area. Regularly inspect containment integrity throughout the project. (ALL)	Workers, occupants	Before Measure: High After Measure: Low
Inadequate emergency procedures	Delayed response to fiber release incidents, Insufficient first aid resources, Increased injury severity	Being prepared allows rapid resolution of emergencies, keeping downtime to a minimum.	Develop and communicate emergency response plans for incidents like accidental fiber release or worker exposure. Conduct regular drills to ensure readiness and provide necessary first aid supplies on-site. (ALL)	Workers	Before Measure: High After Measure: Low
Inadequate first aid	Delayed treatment for injuries, Worsened health outcomes, Reduced worker safety	Accepting this risk ensures immediate response to injuries or health incidents, minimizing downtime and preventing escalation.	Ensure a fully stocked first aid kit is available on-site, tailored to potential asbestos-related incidents. Train workers in asbestos-specific first aid procedures, and designate a trained first aider to be present during all abatement activities. (ALL)	Workers	Before Measure: High After Measure: Low
Inadequate health surveillance of workers	Undetected health issues among workers, Delayed response to symptoms, Reduced worker productivity	Health surveillance enables early detection of health issues, ensuring continuity of work by addressing worker concerns promptly.	Implement regular health check-ups and medical surveillance for workers involved in asbestos abatement. Keep detailed health records and provide access to occupational health professionals. (ALL)	Workers	Before Measure: High After Measure: Low

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Inadequate record-keeping	Inability to verify compliance, Increased legal disputes, Delayed project approvals	Proper records protect against legal disputes and allow smooth project audits and reviews.	Maintain detailed documentation of all activities, including site inspections, air monitoring results, and waste disposal records. Use digital tools for accuracy and accessibility. (ALL)	Supervisors, regulatory bodies	Before Measure: Med After Measure: Low
Inadequate site preparation	Obstructions delaying work, Unsafe work conditions, Increased project costs	Proper preparation mitigates potential disruptions, enabling efficient and uninterrupted work.	Clear the work area of unnecessary equipment, establish containment zones, and confirm readiness through pre-project inspections by supervisors. (ALL)	Workers, supervisors	Before Measure: High After Measure: Low
Inadequate supervision and oversight	Non-compliance with safety protocols, Delayed issue resolution, Increased risk of incidents	Effective oversight ensures smooth operations and prevents costly delays due to non-compliance or errors.	Assign qualified supervisors to oversee abatement activities, ensuring compliance with safety protocols and regulations. Conduct regular site inspections and audits to identify and rectify issues promptly. (ALL)	Workers, occupants	Before Measure: High After Measure: Low
Inadequate ventilation in work areas	Accumulation of hazardous fibers, Poor air quality, Increased health risks for workers	Accepting the risk enables necessary work in enclosed spaces while maintaining safe air quality.	Use HEPA-filtered negative air units to maintain proper ventilation in enclosed spaces. Monitor airflow to prevent the accumulation of hazardous fibers. (ALL)	Workers, occupants	Before Measure: High After Measure: Low
Inadequate waste handling and disposal	Unsecured waste containers, Non-compliance with disposal regulations, Environmental contamination	Proper waste management prevents project interruptions due to non-compliance and protects the organization's reputation.	Use sealed, labeled containers for asbestos waste. Coordinate with licensed hazardous waste disposal facilities to ensure compliant disposal. Maintain documentation of waste handling and disposal processes. (ALL)	Workers, public	Before Measure: High After Measure: Low

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Lack of communication with building occupants	Occupants unaware of abatement activities, Increased complaints or objections, Project delays	Transparency builds trust, ensuring cooperation from occupants and minimizing disruption to the project timeline.	Inform occupants about the nature, duration, and safety measures of abatement activities. Provide contact information for inquiries and address concerns promptly. (ALL)	Occupants, building management	Before Measure: Med After Measure: Low
Lack of worker training and awareness	Improper handling of ACMs, Incorrect use of equipment, Delayed response to emergencies	Ensures a skilled workforce capable of addressing challenges efficiently, reducing costly errors.	Provide comprehensive training on asbestos hazards, safe work practices, emergency procedures, and legal requirements. Conduct regular refresher courses to keep knowledge current. (ALL)	Workers	Before Measure: High After Measure: Low
Limited access to medical resources	Delayed treatment of injuries, Worsening health conditions, Reduced worker confidence	Addressing this risk ensures quick medical responses, allowing uninterrupted progress during the project.	Ensure first aid kits and emergency medical supplies are readily available on-site. Establish communication with nearby medical facilities for urgent situations. (ALL)	Workers	Before Measure: Med After Measure: Low
Noise pollution from equipment	Hearing damage for workers, Complaints from nearby occupants, Disruption to surrounding areas	Reducing noise impacts allows the project to proceed without complaints from the community or nearby occupants.	Use quieter equipment where possible and provide hearing protection to workers. Schedule noisy operations during periods of minimal disruption to surrounding areas. (ALL)	Workers, occupants	Before Measure: Med After Measure: Low

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Risk of slips and falls on-site	Worker injuries, Delays due to accidents, Legal claims from incidents	Accepting this risk ensures continued safe work without delays caused by workplace injuries.	Keep work areas clean and dry, remove debris promptly, and provide anti-slip mats in hazardous zones. Equip workers with slip-resistant footwear. (ALL)	Workers	Before Measure: Med After Measure: Low
Uncontrolled release of asbestos fibers	Fibers released during removal activities, Spread of contamination to adjacent areas, Increased health risks	Accepting the risk enables effective abatement work while maintaining safe air quality, preventing long-term site contamination.	Employ wet removal methods to suppress dust. Utilize HEPA-filtered vacuum systems during cleanup. Monitor air quality continuously to detect any fiber release. (ALL)	Workers, occupants	Before Measure: High After Measure: Low
Unqualified personnel performing tasks	Improper handling of ACMs, Increased likelihood of errors, Non-compliance with regulations	Ensuring qualified personnel guarantees efficient work and compliance with regulatory standards.	Verify the qualifications and certifications of all personnel involved in asbestos abatement. Assign roles based on individual expertise and provide additional training if needed. (ALL)	Workers	Before Measure: High After Measure: Low
Unsecured tools or materials in the work area	Accidental injuries, Equipment damage, Unauthorized access to tools	Organized storage reduces risks while keeping the project on schedule without unplanned interruptions.	Store tools and materials securely within designated zones to prevent accidents or unauthorized access. Conduct daily equipment inspections for compliance. (ALL)	Workers	Before Measure: Med After Measure: Low
Unpredicted risks	Illness, injury, death		Continuous risk monitoring conducted by all staff. Any unforeseen hazards must be reported promptly to supervisors or management, with immediate corrective action taken as necessary. (ALL)	All	N/A

NOTES

Extra notes & activity evaluation:

Completed by

Reviewed/Approved by

Risk Assessment Date

Review Required Date