

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 energy efficiency by improving insulation and ventilation. Facilitates compliance with building codes and safety standards. Improves the aesthetic appeal and market value of properties. Increases the longevity and durability of building structures. Protects buildings from environmental elements and weather damage. Reduces maintenance costs through high-quality materials and installation.</p>	

HAZARDS

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Chemical hazards	Skin burns, respiratory issues, poisoning	Enables the use of essential chemicals while ensuring worker safety.	Provide Material Safety Data Sheets (MSDS) for chemicals used. Train workers on safe handling and storage. Use appropriate PPE like gloves and goggles for chemical applications. (ALL)	Roofers, contractors	Before Measure: High After Measure: Med
Dust and debris exposure	Respiratory issues, eye irritation	Protects respiratory health while enabling necessary roofing operations.	Use dust suppression methods like water spraying or vacuum systems. Provide respiratory PPE and maintain cleanliness in work areas. Train workers on minimizing dust during tasks. (ALL)	Roofers, contractors	Before Measure: High After Measure: Med

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Electrical hazards	Electrocution, burns, fatalities	Allows work near electrical installations with measures in place to prevent electrocution.	Identify and de-energize overhead power lines near the work area. Use insulated tools and equipment. Maintain a safe distance from electrical sources and provide training on electrical safety. (ALL)	Roofers, site workers	Before Measure: High After Measure: Med
Exposure to harmful substances	Respiratory issues, skin irritation, long-term health effects	Enables handling of necessary materials while protecting workers' health.	Conduct COSHH assessments for materials like lead or asbestos. Use appropriate PPE such as gloves and respirators. Implement proper ventilation and hygiene practices, including washing facilities. (ALL)	Roofers, contractors	Before Measure: High After Measure: Med
Fire hazards	Burns, property damage, fatalities	Allows safe performance of tasks requiring heat, ensuring uninterrupted workflow.	Store flammable materials away from heat sources and designate smoking areas away from the work zone. Regularly inspect fire extinguishers and ensure fire safety training for all workers. Implement a hot work permit system to mitigate fire risks. (ALL)	Roofers, contractors	Before Measure: High After Measure: Med
Fragile roof surfaces	Falls through roof, injuries, fatalities	Allows necessary work on or near fragile surfaces with precautions to prevent accidents.	Identify and mark fragile areas like skylights and asbestos cement sheets. Use crawling boards or roof ladders to distribute weight evenly. Restrict access to fragile zones and provide training on recognizing and navigating these areas safely. (ALL)	Roofers, site workers	Before Measure: High After Measure: Med
Hot works	Fire, burns, property damage	Allows necessary construction processes while mitigating fire hazards.	Implement a permit-to-work system for activities like welding or torching. Keep fire extinguishers nearby and remove flammable materials from the vicinity. Assign fire watchers during and after hot work operations. (ALL)	Roofers, contractors	Before Measure: High After Measure: Med

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Improper access points	Falls, injuries, delays	Ensures workers can reach required areas efficiently and safely.	Install stable, secured access points like scaffolding ladders or temporary stairs. Inspect and maintain access equipment regularly. Restrict untrained personnel from accessing hazardous zones. (ALL)	Roofers, site workers	Before Measure: High After Measure: Med
Inadequate qualifications/experience	Improper task execution, accidents, reduced quality	Promotes skill development while ensuring tasks are performed competently and safely.	Verify worker qualifications and experience during recruitment. Provide on-the-job training and supervision for less experienced workers. Restrict access to high-risk tasks for those lacking proper certification or expertise. (ALL)	Roofers, site workers	Before Measure: High After Measure: Med
Lone working	Delayed help, increased risk in emergencies	Enables flexible work arrangements while ensuring worker safety and accountability.	Implement a buddy system or regular check-in protocols using radios or mobile devices. Equip lone workers with emergency alarms and GPS tracking devices. Conduct risk assessments specific to lone working and ensure tasks are manageable for one person. (ALL)	Roofers	Before Measure: High After Measure: Med
Material storage on roof	Structural overloading, falling materials	Ensures materials are readily available for use, enhancing workflow efficiency.	Store materials away from edges and secure them against wind. Distribute loads to prevent overloading the structure. Develop a material management plan to minimize on-roof storage time. (ALL)	Roofers, site workers	Before Measure: High After Measure: Med
Roof openings	Falls through openings, injuries, fatalities	Enables necessary roof modifications while preventing falls.	Securely cover or guard skylights and other openings. Use warning signs to indicate hazards. Implement fall protection systems when working near these areas. (ALL)	Roofers, site workers	Before Measure: High After Measure: Med
Traffic hazards near roofing sites	Collisions, injuries, fatalities	Protects workers while allowing roofing work in high-traffic areas.	Use barriers, signage, and designated exclusion zones to separate workers from vehicles. Coordinate with local authorities to reroute traffic if necessary. Employ traffic spotters when needed. (ALL)	Roofers, public	Before Measure: High After Measure: Med

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Unsafe structures	Collapse, injuries, fatalities	Allows essential work on compromised structures while maintaining safety and stability.	Conduct a structural integrity assessment before beginning work. Use temporary supports or reinforcements as needed. Restrict access to unstable areas and clearly mark them with signage. Train workers on recognizing signs of structural instability. (ALL)	Roofers, contractors	Before Measure: High After Measure: Med
Unstable surfaces	Falls, structural collapse, injuries	Enables safe work on roofs with controlled hazards, completing essential tasks.	Assess roof stability prior to work. Use temporary reinforcements like scaffold planks where needed. Limit the number of workers and equipment on unstable sections. Provide training on identifying unstable surfaces. (ALL)	Roofers, site workers	Before Measure: High After Measure: Med
Use of ladders	Falls, injuries, fatalities	Provides quick and flexible access to various work areas, enhancing productivity.	Ensure ladders are of industrial grade and inspected before use. Position ladders on stable, level ground and secure them to prevent movement. Limit ladder use to short-duration tasks and maintain three points of contact at all times. (ALL)	Roofers, contractors	Before Measure: High After Measure: Med
Use of power tools	Injuries, electrical shock, entanglement	Facilitates efficient task completion with controlled risk.	Ensure power tools are regularly inspected and maintained. Provide training on correct usage and enforce the use of PPE such as eye protection and gloves. Implement PAT testing for electrical tools. (ALL)	Roofers, contractors	Before Measure: High After Measure: Med
Weather conditions	Slips, falls, hypothermia, heat exhaustion	Ensures worker safety while maintaining flexibility to perform tasks during favorable weather.	Monitor weather forecasts and suspend work during adverse conditions such as high winds, rain, or snow. Implement non-slip footwear and keep work surfaces clear of ice and water. Establish protocols for weather-related work stoppages. (ALL)	Roofers, contractors	Before Measure: High After Measure: Med

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Adverse weather impact on materials	Material damage, work delays	Preserves material integrity, ensuring quality installation.	Protect materials with weatherproof coverings. Schedule work to avoid material exposure during forecasted adverse weather. Use materials suitable for expected weather conditions. (ALL)	Roofers, site workers	Before Measure: Med After Measure: Low
Falling objects	Head injuries, fatalities	Protects workers and the public from injuries caused by falling objects, ensuring a safer work environment.	Install debris nets and toe boards to catch falling materials. Implement exclusion zones beneath work areas. Secure tools and materials to prevent them from being dislodged. Provide hard hats for all personnel on site. (ALL)	Roofers, site workers, public	Before Measure: High After Measure: Low
Fatigue	Reduced focus, accidents, mistakes	Maintains worker health and focus, ensuring sustained productivity.	Enforce scheduled breaks and rotate workers on strenuous tasks. Provide shaded rest areas and hydration stations to prevent exhaustion. Train supervisors to recognize signs of fatigue. (ALL)	Roofers, site workers	Before Measure: Med After Measure: Low
Improper PPE use	Injuries, burns, exposure to hazards	Protects workers from injuries, ensuring task completion without delays.	Provide task-specific PPE, including harnesses, helmets, gloves, and footwear. Conduct training on proper use and maintenance of PPE. Perform regular audits to ensure compliance. (ALL)	Roofers, contractors	Before Measure: High After Measure: Low
Inadequate emergency procedures	Delayed response, increased harm, fatalities	Ensures quick response in emergencies, minimizing potential harm.	Develop and communicate an emergency response plan, including evacuation routes and first aid points. Conduct regular drills to ensure preparedness. Equip the site with first aid kits and fire extinguishers. (ALL)	Roofers, site workers	Before Measure: High After Measure: Low

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Inadequate first aid	Delayed treatment, worsening injuries	Ensures quick response to injuries, minimizing severity and allowing work to proceed safely.	Provide a fully stocked first aid kit accessible to all workers. Assign trained first aiders on-site, ensuring sufficient coverage for all shifts. Display emergency contact numbers prominently and conduct regular first aid training for all team members. (ALL)	Roofers, site workers	Before Measure: High After Measure: Low
Inadequate lighting	Reduced visibility, accidents, delays	Enhances visibility, reducing accidents while allowing work flexibility.	Install temporary lighting for early morning or late-day work. Use headlamps for confined or dark areas. Conduct a lighting assessment and schedule tasks during optimal daylight whenever possible. (ALL)	Roofers, contractors	Before Measure: Med After Measure: Low
Manual handling	Muscle strain, back injury, fatigue	Reduces physical strain on workers, promoting health and efficiency in material handling.	Conduct manual handling training focusing on proper lifting techniques. Use mechanical aids like hoists or cranes for heavy materials. Plan tasks to minimize manual lifting and encourage team lifting for awkward loads. (ALL)	Roofers, site workers	Before Measure: Med After Measure: Low
Noise exposure	Hearing damage, tinnitus	Allows the use of essential machinery while safeguarding hearing.	Perform noise assessments and provide hearing protection where levels exceed safe thresholds. Schedule noisy tasks to minimize exposure and maintain equipment to reduce noise emissions. (ALL)	Roofers, site workers	Before Measure: Med After Measure: Low
Overexertion	Physical strain, injuries, reduced productivity	Reduces physical strain, improving overall job safety and worker well-being.	Plan tasks to balance workload among team members. Provide mechanical aids for heavy lifting and encourage workers to report signs of overexertion. (ALL)	Roofers, site workers	Before Measure: Med After Measure: Low

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Poor communication	Misunderstandings, accidents, reduced teamwork	Enhances teamwork and prevents misunderstandings, boosting safety.	Establish clear communication protocols using radios or hand signals. Brief workers on daily tasks and safety concerns during toolbox talks. Maintain open lines for reporting hazards. (ALL)	Roofers, contractors	Before Measure: Med After Measure: Low
Roof edge hazards	Falls, injuries, fatalities	Ensures safe work near edges, allowing tasks to proceed efficiently.	Install edge protection like guardrails and warning barriers. Use fall arrest systems and safety nets where required. Mark edges with high-visibility tape or paint. (ALL)	Roofers, site workers	Before Measure: High After Measure: Low
Scaffolding collapse	Falls, injuries, fatalities	Offers a stable platform for extensive roofing work, improving safety and efficiency.	Engage qualified personnel to design and erect scaffolding. Conduct regular inspections and maintenance. Ensure scaffolding is anchored properly and not overloaded. Provide training on safe scaffold use. (ALL)	Roofers, site workers	Before Measure: High After Measure: Low
Slips, trips, and falls	Minor injuries, fractures, lost time	Reduces minor accidents, maintaining productivity and safety.	Maintain good housekeeping to keep walkways clear. Use slip-resistant footwear and promptly clean up spills. Mark uneven surfaces and ensure adequate lighting. (ALL)	Roofers, contractors	Before Measure: Med After Measure: Low
Unsecured tools and equipment	Falling objects, injuries	Prevents accidents and maintains work efficiency.	Secure all tools and equipment not in use to prevent movement or falling. Provide tool lanyards for items used at height. Designate storage zones for equipment. (ALL)	Roofers, site workers	Before Measure: High After Measure: Low

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Working at height	Falls from height, serious injury, fatalities	Enables access to elevated work areas essential for roofing tasks, facilitating project completion.	Implement edge protection such as guardrails and toe boards on all open edges. Use personal fall arrest systems (PFAS) where necessary. Ensure scaffolding is erected by qualified personnel and inspected regularly. Provide training on working at heights and enforce the use of appropriate personal protective equipment (PPE). (ALL)	Roofers, contractors, site workers	Before Measure: High 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