

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 the aesthetic appeal and design flexibility of spaces. Facilitates precise and consistent installation for a professional look. Improves water resistance and reduces moisture-related issues. Increases the longevity and value of flooring and walls. Provides durable and easy-to-maintain surface finishes. Supports easy cleaning and sanitation in various environments.</p>	

HAZARDS

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Angle grinders	Cuts, eye injuries	Allows efficient cutting and smoothing of tiles, speeding up the tiling process.	Use grinders with adjustable guards; provide face shields and ear protection; train workers on correct grinding techniques; conduct regular inspections to ensure safety features function; limit exposure through task rotation; ensure grinding discs are appropriate for the material. (ALL)	Workers	Before Measure: High After Measure: Med
Chemical burns from adhesives and grouts	Burns	Allows the use of effective bonding agents essential for tile installation.	Provide chemical-resistant gloves and clothing; ensure proper labeling and storage of chemicals; train workers on safe handling and first aid procedures; use less hazardous alternatives when possible; maintain eye wash stations nearby. (ALL)	Workers	Before Measure: High After Measure: Med

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Cuts from sharp tools	Cuts	Allows precise cutting of tiles and materials for accurate fitting.	Provide safety knives with retractable blades; train workers on safe tool use; ensure all tools are properly maintained and inspected; provide cut-resistant gloves; enforce a clear workspace policy to minimize accidental contact. (ALL)	Workers	Before Measure: High After Measure: Med
Exposure to asbestos during renovation	Respiratory issues, long-term health risks	Enables renovation of older buildings where asbestos may be present.	Conduct asbestos surveys before work; engage licensed asbestos removal contractors; provide asbestos awareness training; implement strict control measures during disturbance; use appropriate PPE; follow legal requirements for asbestos handling and disposal. (ALL)	Workers	Before Measure: High After Measure: Med
Exposure to hazardous substances	Skin irritation, respiratory issues, burns	Enables the use of effective materials essential for quality tiling work.	Use low-toxicity materials; ensure proper ventilation; provide appropriate PPE such as gloves and masks; train workers on safe handling procedures; implement spill response plans; maintain Material Safety Data Sheets (MSDS) on-site. (ALL)	Workers	Before Measure: High After Measure: Med
Exposure to UV radiation during outdoor work	Sunburn, dehydration	Enables outdoor tiling projects in direct sunlight.	Schedule outdoor work during early or late hours; provide shaded rest areas; enforce the use of sunscreen and UV-protective clothing; train workers on recognizing sun exposure symptoms; provide sunglasses or visors. (ALL)	Workers	Before Measure: High After Measure: Med

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Eye injuries from flying debris	Eye damage	Permits operations like cutting and grinding necessary for tile installation.	Mandate the use of safety goggles or face shields; use tools with guards; set up barriers or screens in areas with high debris potential; provide training on eye safety; ensure first aid kits are stocked with eye wash solutions. (ALL)	Workers	Before Measure: High After Measure: Med
Falls into excavations or openings	Falls	Allows necessary groundwork and preparation for tiling projects.	Install guardrails or covers over openings; mark hazardous areas with signage; provide training on site-specific hazards; implement permit-to-work systems for high-risk areas; conduct regular site inspections; ensure adequate lighting around openings. (ALL)	Workers	Before Measure: High After Measure: Med
Fatigue from prolonged work	Exhaustion, reduced focus	Encourages efficient use of worker hours while balancing productivity.	Schedule regular breaks; rotate tasks to reduce physical and mental strain; provide ergonomic tools; monitor workers for signs of fatigue; ensure access to hydration and rest facilities; manage shift durations effectively. (ALL)	Workers	Before Measure: High After Measure: Med
Fire hazards from flammable materials	Burns, inhalation, property damage	Supports the use of essential materials, enabling high-quality finishes in tiling.	Store flammable materials securely in designated areas; keep fire extinguishers readily available; train workers in fire response protocols; avoid open flames near flammable substances; ensure proper disposal of waste materials; conduct regular fire drills. (ALL)	Workers	Before Measure: High After Measure: Med
Fumes from adhesives or sealants	Headaches, nausea	Allows the use of effective materials necessary for quality finishes.	Use low-emission products; ensure proper ventilation in work areas; provide appropriate respiratory PPE; train workers on product-specific risks; schedule regular breaks to avoid prolonged exposure. (ALL)	Workers	Before Measure: High After Measure: Med

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Hand and finger injuries	Cuts, pinching, abrasions	Facilitates the use of tools and equipment essential for tiling tasks.	Provide task-specific gloves; ensure tools are well-maintained and appropriate for the job; train workers on safe tool use; implement lockout/tagout procedures for powered equipment; encourage reporting and prompt treatment of injuries. (ALL)	Workers	Before Measure: High After Measure: Med
Improper use of tools	Injuries, damage	Enhances productivity by allowing workers to use tools effectively and safely, reducing the likelihood of damage or injury.	Provide comprehensive training on the correct use of all tools; conduct regular tool inspections and maintenance; ensure tools are suitable for the task; prohibit makeshift modifications; supervise inexperienced workers closely; enforce safe work practices. (ALL)	Workers	Before Measure: High After Measure: Med
Inadequate personal protective equipment (PPE)	Injuries, exposure	Ensures workers are protected from preventable injuries while allowing tasks to proceed efficiently.	Conduct PPE needs assessments for all tasks; provide task-specific PPE such as gloves, goggles, and kneepads; replace damaged or worn-out equipment promptly; train workers on correct PPE use and maintenance; enforce compliance through supervision and site audits. (ALL)	Workers	Before Measure: High After Measure: Med
Inadequate ventilation in confined spaces	Respiratory issues	Permits tiling in areas like bathrooms or basements where airflow is restricted.	Use portable fans or exhaust systems to improve airflow; monitor air quality regularly; limit time spent in confined spaces; provide appropriate respiratory PPE; train workers on recognizing symptoms of poor ventilation. (ALL)	Workers	Before Measure: High After Measure: Med
Injuries from collapsing materials	Bruises, fractures	Ensures accessibility to materials while maintaining workspace organization.	Store materials securely to prevent tipping or falling; limit stacking height; use racks or pallets; enforce clear walkways; provide training on safe storage practices; conduct regular site inspections to identify hazards. (ALL)	Workers	Before Measure: High After Measure: Med

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Injuries from falling objects	Head injury, bruising	Allows simultaneous multi-level work, enhancing project efficiency.	Enforce the use of hard hats; secure tools and materials at height; establish exclusion zones below overhead work; provide tool lanyards; conduct regular inspections to ensure compliance; train workers on material handling protocols. (ALL)	Workers	Before Measure: High After Measure: Med
Manual handling injuries	Back strain, muscle pulls, injuries	Allows for efficient material movement and task completion, maintaining project timelines.	Provide training on proper lifting techniques; use mechanical aids like trolleys; implement team lifting for heavy loads; conduct regular assessments to identify manual handling risks; ensure workspaces are organized to minimize unnecessary lifting. (ALL)	Workers	Before Measure: High After Measure: Med
Musculoskeletal disorders from repetitive motions	Strain, pain, discomfort	Facilitates specialization and efficiency in repetitive tasks.	Rotate tasks among workers to reduce repetition; provide ergonomic tools; train workers on proper body mechanics; schedule regular breaks; design workstations to minimize awkward postures; encourage reporting of discomfort early. (ALL)	Workers	Before Measure: High After Measure: Med
Noise-induced hearing loss	Hearing damage	Allows the operation of necessary equipment that may produce high noise levels.	Conduct noise assessments; provide hearing protection like earplugs or earmuffs; schedule regular breaks; implement engineering controls to reduce noise at the source; post signage in high-noise areas; offer hearing conservation training. (ALL)	Workers	Before Measure: High After Measure: Med

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Respiratory issues from dust inhalation	Lung irritation, respiratory issues	Allows for cutting and shaping of tiles, which generates dust.	Implement dust suppression methods like wet cutting; use local exhaust ventilation; provide respiratory protective equipment; conduct air quality monitoring; train workers on dust hazards; enforce regular cleaning schedules. (ALL)	Workers	Before Measure: High After Measure: Med
Respiratory issues from dust inhalation	Lung irritation, respiratory issues	Allows for cutting and shaping of tiles, which generates dust.	Implement dust suppression methods like wet cutting; use local exhaust ventilation; provide respiratory protective equipment; conduct air quality monitoring; train workers on dust hazards; enforce regular cleaning schedules. (ALL)	Workers	Before Measure: High After Measure: Med
Slips, trips, and falls	Slips, trips, falls	Maintains productivity by allowing continuous work without excessive downtime for hazard elimination.	Keep work areas clean and free of debris; promptly clean up spills; use slip-resistant footwear; install adequate lighting; mark uneven surfaces; implement housekeeping protocols; conduct regular site inspections to identify hazards. (ALL)	Workers	Before Measure: High After Measure: Med
Structural instability of work surfaces	Falls, collapses	Enables tiling on diverse surfaces, ensuring versatility in project designs.	Inspect surfaces before starting work; reinforce weak structures; use appropriate access platforms; avoid overloading surfaces; train workers to recognize signs of instability; conduct regular checks during the project. (ALL)	Workers	Before Measure: High After Measure: Med
Tile cutters	Cuts, lacerations	Enables precise cutting of tiles, reducing material wastage and improving overall project quality.	Use tile cutters with built-in guards; enforce training on proper operation; ensure work surfaces are stable and level; inspect equipment regularly for faults; provide safety gloves and goggles; prohibit using damaged cutters. (ALL)	Workers	Before Measure: High After Measure: Med

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Unstable scaffolding or ladders	Falls, collapses	Supports safe access to elevated work areas.	Ensure scaffolding and ladders are installed and inspected by certified personnel; provide training on safe use; secure ladders to stable surfaces; implement safety barriers on scaffolds; conduct regular checks during use. (ALL)	Workers	Before Measure: High After Measure: Med
Vibration-related injuries	Numbness, joint pain	Enables the use of tools required for cutting and grinding tiles efficiently.	Provide anti-vibration gloves; limit the duration of tool use; use equipment with vibration-dampening technology; schedule regular breaks; train workers on vibration safety measures; monitor workers for early symptoms of vibration injuries. (ALL)	Workers	Before Measure: High After Measure: Med
Working at height	Falls	Allows for the installation of tiles in elevated areas, expanding work capabilities.	Use appropriate access equipment like scaffolds or ladders; ensure equipment is inspected before use; provide fall arrest systems; train workers on working at height protocols; establish exclusion zones below work areas; conduct risk assessments for height work. (ALL)	Workers	Before Measure: High After Measure: Med
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Compressed air hazards	Abrasions, eye injuries	Enables the use of efficient air-powered tools for detailed work.	Train workers on the correct use of compressed air tools; ensure equipment is maintained and inspected regularly; enforce safety guidelines like avoiding pointing air nozzles at people; provide PPE such as gloves and goggles. (ALL)	Workers	Before Measure: Med After Measure: Low

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Contact with wet cement	Skin irritation, burns	Allows for efficient preparation and installation of tiles on fresh substrates.	Provide PPE like gloves and long sleeves; ensure handwashing stations with pH-neutral soap are available; train workers on the risks of skin exposure to cement; use pre-mixed adhesives when possible to reduce handling. (ALL)	Workers	Before Measure: High After Measure: Low
Electric shock	Electric shock	Enables the use of electrical tools and equipment necessary for efficient work.	Ensure all electrical equipment is regularly inspected and PAT tested; use residual current devices (RCDs); train workers on electrical safety; keep electrical cords and tools away from water; implement lockout/tagout procedures during maintenance. (ALL)	Workers	Before Measure: High After Measure: Low
Electric shock	Electric shock	Enables the use of electrical tools and equipment necessary for efficient work.	Ensure all electrical equipment is regularly inspected and PAT tested; use residual current devices (RCDs); train workers on electrical safety; keep electrical cords and tools away from water; implement lockout/tagout procedures during maintenance. (ALL)	Workers	Before Measure: High After Measure: Low
Improper disposal of waste materials	Environmental damage, safety hazards	Supports environmentally compliant project completion.	Provide clearly labeled waste bins; enforce proper segregation of hazardous and non-hazardous waste; train workers on disposal regulations; contract licensed waste disposal services; conduct regular site checks for compliance. (ALL)	Workers	Before Measure: Med After Measure: Low

HAZARD	RISK	RISK BENEFIT	MEASURE	RISK TO	RISK LEVEL
Inadequate first aid	Delayed treatment	Promotes timely treatment of injuries, reducing downtime and enabling workers to feel safer and more supported.	Ensure first aid kits are fully stocked and accessible; assign trained first aiders on-site; conduct regular checks on first aid provisions; provide emergency contact lists; display clear signage for first aid locations; train workers on responding to common injuries. (ALL)	Workers	Before Measure: High After Measure: Low
Inadequate lighting	Trips, errors, injuries	Facilitates continued work in areas with limited natural light, ensuring project timelines are met.	Install sufficient temporary lighting in poorly lit areas; inspect lighting regularly to ensure it is functioning; provide portable lighting solutions; train workers on the importance of visual awareness in low-light conditions. (ALL)	Workers	Before Measure: High After Measure: Low
Noise distraction from nearby work	Reduced focus	Allows simultaneous tasks, improving overall project efficiency.	Provide hearing protection; limit non-essential noise through scheduling; erect noise barriers between work zones; conduct noise assessments; train workers on maintaining focus despite distractions. (ALL)	Workers	Before Measure: Med After Measure: Low
Other site contractors	Collisions, miscommunication	Encourages collaborative efforts, allowing diverse tasks to progress simultaneously without unnecessary delays.	Implement clear communication protocols between contractors; conduct joint site safety briefings; define responsibilities and work zones to prevent overlap; schedule work to minimize interference; ensure all contractors comply with site-specific safety policies. (ALL)	Workers, contractors	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