**\*This document is a reference for a job safety analysis for commercial roofing and should be adjusted as needed based on your specific job.**

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| *Date:* | *Company name:* | | *Location:* | | *Job title:* | *Employees being observed during JSA:* |
|  |  | |  | |  | *Location:* |
| *Department:* | ***Supervisor:*** | | ***Analysis performed by:*** | | ***Reviewed by:*** |
|  |  | |  | |  |
| Task | | **Hazard** | | ***Recommended action or procedure:*** | | ***Additional information or comments:*** |
| *General* | | Weather related injury | | * Cover how to safely carry and transport material in sheets that can be caught in the wind * Procedures for severe weather * Safely working in the extreme heat and cold weather | | * [Weather hazards in roofing safety talk](https://www.compsourcemutual.com/knowledge-center/weather-hazards-in-roofing-safety-talk/) * [Heat stress safety talk](https://www.compsourcemutual.com/knowledge-center/heat-stress-safety-talk-2/) |
| Slips, trips and falls | | * Cover expectations on housekeeping * Cover required footwear | | * [Housekeeping safety talk](https://www.compsourcemutual.com/knowledge-center/housekeeping-safety-talk-2/) |
| Illness from chemical handling | | * Appropriate personal protective equipment to be worn while using chemicals * Safety data sheet information and location * With presence of gas and other potentially flammable chemicals on site cover “No Smoking” rules | | * [Chemical handing in roofing safety talk](https://www.compsourcemutual.com/knowledge-center/chemical-handling-in-roofing/) |
| Falls from heights | | * Cover warning line requirements * Review expectations to be tied off any time a worker is outside of the warning line * Fall protection for entry and exit of ladder * Cover loading zone protection | | * [Warning lines in roofing safety talk](https://www.compsourcemutual.com/knowledge-center/warning-lines-in-roofing-safety-talk/) * [Personal fall arrest system quick inspection guide](https://www.compsourcemutual.com/knowledge-center/personal-fall-arrest-system-quick-inspection-guide/) * [Fall protection safety talk](https://www.compsourcemutual.com/knowledge-center/fall-protection-safety-talk-2/) |
| *Inspect and use of ladders* | | Fall from heights | | * Cover use of ladder safety extensions * Ensure ladder is set up at a safe angle 4 to 1 ratio * Personal tie-off while on ladder * Not carrying items while ascending and descending * Proper way to climb * Changes in rungs * Proper anchoring | | * [Portable ladder safety talk](https://www.compsourcemutual.com/knowledge-center/portable-ladder-safety-2/) |
| *Unloading and transport material from ground level to roof* | | Injury due to operating a telehandler | | * Appropriate markings * Certified operators * Secure any material or equipment being transported * Know swing radius in relation to electrical lines, buildings etc. | | * [Telehandler safety talk](https://www.compsourcemutual.com/knowledge-center/telehandler-safety-talk/) |
| *Remove old roofing material* | | Injury from debris cleanup or drop zone | | * Area around the trailer should be marked off * Area should be cleared before cleanup begins * Dump site safety should be covered such as loading, spotting and driving | | * [Debris cleanup and drop off safety talk](https://www.compsourcemutual.com/knowledge-center/debris-clean-up-and-drop-off/) |
| Respiratory illness | | * Respiratory requirements while removing old material and debris as well as during cleanup | | * [Respiratory protection safety talk](https://www.compsourcemutual.com/knowledge-center/respiratory-protection-safety-talk/) |
| Injury while operating tear off equipment | | * Cover specific machine safety for cutting and roof material removal tools * Train on guarding and shut off system for machines | | * [Cutting and tear off equipment in commercial roofing safety talk](https://www.compsourcemutual.com/knowledge-center/cutting-and-tear-off-equipment-in-commercial-roofing/) |
| Injury from manual tool operation | | * Cover safety specific to each tool being used such as axes, hatchets, pitchforks etc. * Cover appropriate posture and exercises to prevent musculoskeletal disorders * Awareness when swinging tools around other workers | | * [Roofing ergonomics](https://www.compsourcemutual.com/knowledge-center/roofing-ergonomics-safety-talk/) * [Hand and power tools for commercial roofing safety talk](https://www.compsourcemutual.com/knowledge-center/hand-and-power-tools-for-commercial-roofing/) |
| *Install membrane roof* | | Injury from working with knives and other tools | | * Proper way to cut * Wearing gloves * Using long drills to avoid stooping * Using cordless to prevent creating trip hazards | | * [Personal protective equipment safety talk](https://www.compsourcemutual.com/knowledge-center/personal-protective-equipment/) * [Hand and power tools for commercial roofing safety talk](https://www.compsourcemutual.com/knowledge-center/hand-and-power-tools-for-commercial-roofing/) |
| Injuries from material handling | | * Whenever possible team lift * Use carts to transport material * Cover safe lifting techniques | | * [Material handling in commercial roofing safety talk](https://www.compsourcemutual.com/knowledge-center/material-handling-in-commercial-roofing/) |
| Injuries when torching or welding | | * Utilize walk-behind equipment wherever possible * Safety when torching or welding manually * Personal protective equipment expectations to prevent burns | | * [Torching and welding safety talk](https://www.compsourcemutual.com/knowledge-center/torching-and-welding-safety-talk/) |
| *Install flashing, gutters, and downspouts* | | Falls while working from a ladder | | * Cover best practices for working overhead to avoid musculoskeletal disorders * Cover safe practices around reaching | | * [Portable ladder safety talk](https://www.compsourcemutual.com/knowledge-center/portable-ladder-safety-2/) * [Doing work overhead safety talk](https://www.compsourcemutual.com/knowledge-center/doing-work-overhead/) |
| Cuts from working with metal | | * Cover glove expectations while working with metal * Cover safety with specific cutting tools | | * [Hand and power tools for commercial roofing safety talk](https://www.compsourcemutual.com/knowledge-center/hand-and-power-tools-for-commercial-roofing/) |
| *Additional tasks to address specific to jobsite:* | | | | | | |
| Task | | **Hazard** | | ***Recommended action or procedure:*** | | ***Additional information or comments:*** |
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