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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *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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