

LANSARD BROS. ROOFING LTD. – SAFE JOB PROCEDURES

Job Description: Setting Up a Tar Supply Line

Hazards Present: Burns, Fire Hazard, Tar Spills, Bump Hazards

PPE Required: Safety Glasses/Face Shield, Hard Hat, Work Gloves, Fire Extinguisher, Fall Protection

Note: Operators of equipment must be trained, demonstrate operational competency and/or have received approval from their immediate supervisor. Operators must be wearing the proper PPE as required and be familiar with the location of the nearest exit, first aid station and fire extinguisher.

SAFE JOB PROCEDURE

1. Conduct a pre-starting inspection of equipment and work area

- Make sure work area on ground is free of debris, clutter and flammables
- Make sure area on roof is free of debris and clutter; fall protection must be in place (guardrails) or personnel on roof must be using a harness and lifeline
- Ensure that all equipment being used to erect the tar supply pipe has been inspected and is in good working condition; if using hoists, make sure they have been set up following safe job procedures
- Make sure the tar pipes, couplers and unions are in good condition and the pipes are not plugged

2. Determine the length of pipe required to supply tar to roof level

- Use a tape measure or a length of rope; do **not** use a lifeline for this purpose
- Measure from the kettle output to the required height on the roof; make sure kettle has been set up using safe job procedure

3. Assemble the required length of pipe

- Choose an area on the ground that is flat and level so that pipes will assemble without cross threading
- Use a tiger torch to heat couplings and unions so that pipes will thread sufficiently; observe safe work procedure for operating a propane torch
- Make sure that the pipes are chained or wired at the couplings

4. Raise the pipe into position

- Depending on the length of pipe, a rope, hand hoist or power hoist may be used to lift the pipe
- Have personnel on the ground guide the pipe while it is being raised, to keep it away from the wall of the building
- When pipe is at sufficient height, guide the bottom end onto the union at the kettle output
- Tighten the union sufficiently to avoid leaks (use heat from the tiger torch as necessary)

5. Secure pipe at roof level

- Depending on the building or parapet detail, the foreman of the crew will choose an appropriate method to secure the pipe in place (wire, clamps etc...)
- Ensure there are guardrails present on either side of the pipe