

Revised: March 2024

Manual Removal of Pipeline Coating

PURPOSE/APPLICATION

This SJP provides general steps for the manual removal of pipeline coating on various types of pipes and joint protection/sleeving. Where applicable, the product SDS and any hazard controls should be reviewed prior to work.

PPE

- Strike Minimum PPE
- Respiratory Protection (if required)

TRAINING

- Minimum Strike and Site Requirements
- Competency/Job Specific training
- WHMIS 2015

TOOLS/EQUIPMENT

- Hand Scraper and blades

HAZARD SOURCES



#	Job Steps	Hazards	Control Measures
1	Identify type of coating being removed and gather the appropriate tools	<ul style="list-style-type: none"> ❖ Motion - Slips or trips on uneven access to excavation ❖ Motion - Damaged tools not in proper working condition with guards in place 	<ul style="list-style-type: none"> ▪ Review and sign off on the excavation checklist prior to entry ▪ Inspect access/egress and repair if required. If using ladders, ensure ladders are anchored ▪ Always carry scrapers and tools into the excavation using a tool bag/pail. Never walk with tools in your hand. Always carry scrapers with scraper pointed downwards ▪ Inspect tools prior to each use for missing guards, lose pieces, etc.
2	Remove any existing flaked or lifting coating. Pull old coating off by hand, prior to using hand scrapers	<ul style="list-style-type: none"> ❖ Motion - Muscle strains, hand slipping while scraping off coating or pulling wrap off ❖ Motion -Trips or falls on coating or wrap debris 	<ul style="list-style-type: none"> ▪ Warm up and stretch muscles prior to start ▪ Use dry gloves when handling scrapers ▪ Get help from other workers to pull off large pieces ▪ Keep work area clean and clear of tripping hazards
3	Use hand scrapers to remove coating	<ul style="list-style-type: none"> ❖ Motion - Cut potential while using scraper or removing blade, other workers in the line of fire while scraping ❖ Gravity - Material left on the ground. 	<ul style="list-style-type: none"> ▪ Use Strike/site-approved gloves, cut resistant gloves preferred for working with scrapers ▪ Do not scrape the coating towards yourself or other workers. Maintain a minimum of 1 meter spacing between workers ▪ Remove scraper blades when scrapers are not being used ▪ Prior to leaving excavation, remove the blade from the scraper, don't walk with scraper blades still installed in the scraper

Revised: March 2024

Manual Removal of Pipeline Coating

#	Job Steps	Hazards	Control Measures
			<ul style="list-style-type: none"> <li data-bbox="919 329 1419 388">▪ Used or broken blades must be stored in a covered container or disposal bin <li data-bbox="919 394 1419 453">▪ Waster material must be removed from excavation and disposed of properly <li data-bbox="919 459 1419 518">▪ Never climb over the pipe or roll under the pipe with scraper in hand

ADDITIONAL PRECAUTIONS

If equipment is needed to raise or support the pipe review the following precautions:

- Never position yourself between the pipe and the ditch or under the side boom while it is supporting a load.
- Stay clear of swinging or moving pipe.
- Maintain visual contact with the boom/equipment operator.

Developed by: 1. Steve Whynott 2. Cy Dyck Date: Nov 23, 2023
 3. Joe Colautti

Approved by: 1. HSE Committee Date: Mar 5, 2024
