


STANDARD OPERATING PROCEDURE

Hydraulic Hose Manufacturing -Cleaning (Manuli Hose Assemblies)		Document Number: 960C-SOP-509
Original Approval Date: AUG 27, 2014	Revision Number: 2	Page 1 of 3
Latest Revision Date: APR 14, 2022	Next Revision Date: APR 14, 2025	Document Approval Level: 4

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HYDRAULIC HOSE MANUFACTURING – CLEANING (MANULI HOSE ASSEMBLIES)

						
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Rev	Status	Rev. Date	Status Description	Prepared by	Reviewed by	Approved by

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The following is a step-by-step procedure on how to complete a specific task or meet a facility specific requirement. Standard Operating Procedures (SOPs) are written for all identified critical tasks. By virtue of the hazard or complexity associated with critical tasks it is paramount that the SOP be followed as written. SOPs contain a listing of high-level hazards associated with the task, for detailed hazard analysis reference the applicable Task Hazard Assessments. SOPs do not replace the requirements contained in the company Standards, Codes, and Processes nor does it replace the need to comply with required legislation. Section 8.0 references documentation that the worker shall understand before work commences.

1.0 PURPOSE

- To establish a Company Standard to safely and effectively carry out work as it applies to the manufacturing of hydraulic hoses, so it is done in a manner that minimizes risk to people, equipment, production, and the environment.

2.0 SCOPE AND APPLICATION

- This document applies to all Company Heavy Construction and Mining operations. Ensure all site-specific requirements are being met or exceeded before performing the task

3.0 HAZARDS AND CONTROLS

- Flying debris, flying Styrofoam projectile, compressed air, noise.
 - Make sure to use eye protection, gloves, and coveralls and ear protection.
 - Make sure that the projectile, debris, and compressed air exiting from the hose is pointed away from yourself or others in the vicinity.

4.0 CHECKLIST

- Attend all preparatory meetings (IE: daily PSI; job scope; review of JSA's and SOPs for the job)
- Complete FLRA cards before starting the work.
- Ensure all personnel involved in the task are aware of the hazards and the controls to be used, as identified in the SOP's; JSA's; and FLRA's
- Conduct a pre-job inspection of all equipment to be worked on and tools to be used.
- Standard of Training required for working on this job: On-the job training.**

5.0 DEFINITIONS

5.1 Company

North American Construction Group (NACG) divisions, departments, or subsidiaries.

5.2 Company Personnel

Includes the Company's employees, officers, directors, agents, associates, consultants/contractors, temporary employees, and third-party processors.

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5.3 HSE

Refers to the Health, Safety & Environment department.

6.0 PROCEDURE

1. Load new cleaning projectile as per Production Instruction tag into launcher.
2. Insert cleaning nozzle into hose.
3. Launch cleaning projectile through the hose.
4. Make sure that the projectile has left the hose
5. Flip hose around and repeat steps 1, 2, 3,4
6. Repeat steps 1, 2, 3, 4, 5 until the hose assembly is clean.

7.0 NOTES

If this task is to be done by a method different than described in this SOP, the work must **STOP**, and the alternate method must be documented with an adequate hazard assessment tool such as a JSA or Management of Change process

8.0 REFERENCES

- Manufacturer's Operation Manual
- Alberta Occupational Health and Safety Act, Regulation and Code 2009 Part 3 Section 12
- OEM Parts Manufacturer's (i.e., Manuli) repair and service manuals
- 950C-C-025 – Hand Tools Code
- 950C-C-050 – PPE General Code
- 960C-SOP-504 – Hand Tools; Use of
- 960C-SOP-505 - Hand Tools Powered Use
- 960C-SOP-112 - Air Line Control and Dangers
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9.0 APPENDICES

- No appendices.