

STANDARD OPERATING PROCEDURE

Removal of Material Buildup in Truck Boxes

Document Number: 962C-SOP-017

Original Approval Date: Dec 05, 2011

Revision Number: 4

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Latest Revision Date: Mar 31, 2023

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REMOVAL OF MATERIAL BUILDUP IN TRUCK BOXES



4	APP	Mar 31, 2023	Approved	T. Siver	C. Obrigewitch	T. Siver
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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 removing built up material in truck boxes.

2.0 SCOPE AND APPLICATION

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

3.0 HAZARDS AND CONTROLS

- Excavator becoming unstable on cleaning platform.
 - Excavator will be set up on a designated platform for cleaning truck boxes.
 - The platform will be approved by the area supervisor and will be of sufficient size to accommodate the size of the excavator. Platform will be constructed with competent material to support the weight of the excavator.
 - The platform height will be equal to or greater than the height of the truck tires for the equipment being cleaned.
- Equipment contact due to trucks backing into excavator.
 - Excavator must be set up on an elevated platform such that the platform height is equal to the height of the truck tires.
 - Excavator tracks are to be positioned in line (parallel) with the desired truck position and back from the edge so the truck cannot make physical contact with the excavator.
 - Confirm positive communication between truck and excavator before truck backs into position. Ensure there is a dedicated radio channel for box cleaning.
- Material coming out of truck box and contacting excavator.
 - Excavator operator will ensure there is a space between the platform and the box so material falls short of the platform top (ensuring that no material will strike the excavator).
- Overhead hazards.
 - Ensure that no overhead hazards are present in work area.

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- Excavator damaging box or tailgates when cleaning.
 - Where possible use a smooth edge or clean up bucket to clean boxes. Extra caution must be used if using a digging bucket so as not to puncture or damage the box or the side rails.
 - Excavator bucket must not touch or contact tailgates when cleaning the box.
- Tire damages due to trucks backing or driving over debris.
 - Excavator operator to ensure that the floor is clean of debris before allowing the truck to back into position.

4.0 CHECKLIST

- Attend all preparatory meetings (IE: daily PSI; job scope; review of JSA's and SOP's 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

Means North American Construction Group Ltd. (NACG) and all directly or indirectly owned subsidiary companies, including joint ventures.

5.2 Company Personnel

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

5.3 HSE

Refers to the Health, Safety & Environment department

6.0 PROCEDURE

6.1 Haul Truck Box Cleaning

- 1) Excavator will be set up on a designated platform for cleaning truck boxes. The platform will be approved by the area supervisor.
- 2) Haul truck operator will make radio contact with excavator operator before staging the truck for box cleaning.
- 3) On approval, haul truck operator will position unit and reverse to excavator using their driver's side mirror to ensure their box is in line with the excavator house.
- 4) Excavator will signal the haul truck to stop using standard horn signals or radio. Haul truck must be stopped so that there is space between the excavator platform and the truck body so that loose material will fall to the ground and not on the platform or excavator.

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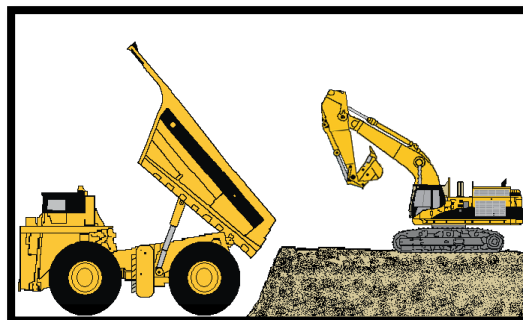
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- 5) Excavator operator will signal haul truck to raise box. If haul truck is equipped with a tailgate, the box will be raised $\frac{1}{4}$ of the way to allow for material to fall out beneath the raised tailgate and for the excavator to have enough clearance over the tailgate to reach the front of the box material to clear the box and for the excavator to clean. Box will then be raised fully for the remainder of the box cleaning.



6.2 Articulated Truck Box Cleaning

- 1) Excavator will be set up on a designated platform for cleaning truck boxes. The platform will be approved by the area supervisor.
- 2) Articulated truck operator will make radio contact with excavator operator before staging the truck for box cleaning.
- 3) On approval, articulated truck operator will position unit and reverse to excavator using their driver's side mirror to ensure their box is in line with the excavator house.
- 4) Excavator operator will signal the articulated truck to stop using standard horn signals or radio. Truck must be stopped so that there is space between the excavator platform and the truck body so that loose material will fall to the ground and not on the platform or excavator.
- 5) Articulated truck box will remain in the down position on the truck frame while the excavator is cleaning the box.
- 6) Excavator operator will signal the truck operator when the box has been scratched. The articulated truck operator will raise the box to clear the load.

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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. The document must be **APPROVED** by a supervisor before such procedures are implemented.

8.0 REFERENCES

- Alberta Occupational Health and Safety Act, Regulation and Code – {Part 19 Powered Mobile Equipment}
- Alberta Occupational Health and Safety Act, Regulation and Code – {Part 36 Mining}

9.0 APPENDICES

- There are no appendices.