



Safe Operating Procedure



➤ Graco LineLazer

➤ Potential Health or Safety Concerns

- > Damage to Equipment/Vehicles (Accidents, Spills/Drips, Overspray)
- > Injuries to workers and public (Burns, Chemicals, Noise).

➤ Documentation

Complete and review a Hazard Assessment, Traffic Accommodation Plan (TAP) and Emergency Response Plan (ERP). Ensure you have an applicable road use permit (OSCAM, OSCP, etc.) and complete sign logs when required.

➤ Equipment, PPE, and Apparel Required

CSA Approved 6" footwear, hard hat, gloves, reflective vest (Class 2-3), ear protection, eye protection, CSA Type 2 small first aid kit, fire extinguisher, and spill kit. A dust mask or respiratory protection may be required.

➤ Training Requirements

- > Employees must be deemed competent prior to operating the equipment.
- > If a flagger is required, they must be certified.

➤ Colas Lifesaving Icons

The following Health, Safety, or Environmental icons represent applicable risks to this procedure. Please see the **Lifesaving Icons** document for more information.



Hazard Evaluation and Control



Health Hazards



Impairment



Line of Fire



Safe Lifting



Energy Isolation



Competency



Safe Operating Procedure



Procedures and Precautions to Offset Hazards

1. **Inspection and preparation** > Check all fluid levels and visually check hoses, fittings, cables, and tires. Ensure tips are clean and positioned properly.
2. **Flushing and cleanout** > oil-based paint must be flushed with solvent and water-based paint must be flushed with water. You need to know which material you are using on every job as it may vary per job requirements.
3. **Preparing for painting** > Place pail of paint in holding ring on the LineLazer and place the suction hose into pail. Make sure the pump switch is in the off position. Start the engine and set idle to desired position.
4. **Priming pump & purging lines** > Always remove tip and lower engine RPM prior to purging the hoses. Turn on the pump switch and purge into pail until paint has a steady flow. Hold gun assembly against the side of pail to prevent splashing (inside pail). Install tip when process completed.
5. **Painting** > The height of gun and angle of the tip will affect the width of the sprayed paint. While pre-marking, align the tip of the LineLazer gun with Premark chain and start spraying the chain, walking the machine the entire length of the chain or until instructed to stop by the foreman. While painting linework, follow the pre-mark.
6. **Flushing the system** > Remove tip, turn the pump off and turn the pressure all the way down. Remove suction tube from pail and replace paint pail with solvent or water. Place suction tube into pail, start engine, maintain a low RPM, and re-engage pump. Spray remaining paint into pail until water or solvent appears. Circulate the pump for 45 seconds, then turn off the pump and engine. Replace tip and leave it in the off or closed position. Let unit cool down before you load and secure it. Please make sure there is no pressure in the lines before putting the LineLazer away.
7. **Storage** > Store unit and material at room temperatures to avoid over heating or freezing of material or lines.
8. **Safe keeping** > When machine is not in use, always park in a safe area away from traffic and make sure the wheel brake is on to prevent the machine from rolling. Place traffic cones around parked equipment.