# Gemini Industries, Inc.Procedure for Tub WashStandard Operating ProcedurePACK-22-0020 01AuthorStatusEffective DateMichael BoblitFinal9/21/2022

#### 1.0 Purpose

To ensure that all personnel perform Tub Washing duties correctly, consistently, and safely to achieve a quality outcome through uniform performance. Any deviations from the procedures could affect the safety of our employees or the integrity of our products.

#### 2.0 Scope

This document covers the standard procedures to be followed for employees in the packaging department when cleaning tubs. By following the instructions, the workload will be completed accurately, consistently, and safely.

#### 3.0 PPE







- \*Absolutely NO Electronic Devices in the Hazardous Environments. (Production, Fill-Off, TWP Room)
- \*Absolutely NO use of headphones, ear buds, etc. inside the Warehouse and/or Hazardous Environments.

# Procedure for Tub Wash

**Standard Operating Procedure** 

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#### 4.0 Tub Wash Procedure

4.1 Move a tub under the tub wash. Line up the tub with the lid that will sit down onto the tub to create a seal



# Procedure for Tub Wash

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## 4.2 Ground the tub.



# Procedure for Tub Wash

Standard Operating Procedure

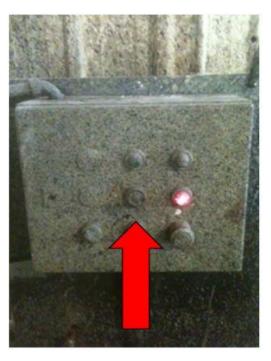
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4.3 Hook up the flow line to the tub.



4.4 Open the valve.

4.5 Push the start button on the tub wash control panel.



4.6 Adjust the height of the tub wash stroke. The indexing on the bottom of the shaft should be at the bottom of the tub.



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- 4.7 Let the cycle finish.
- Pull the tub out from under the tub wash with the flow line and the ground still 4.8 connected.
- 4.9 Ground the one-gallon solvent can to the tub.



- 4.10 Clean around the top of the tub with a brush allowing the flow of the solvent down the sides to clean the wall of the tub.
- 4.11 If needed, use a brush and or scraper to clean the bottom of the tub.

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## 4.12 Turn the pump on.



- 4.13 Tilt the tub up to allow all the solvent to be pumped out.
- 4.14 Use the grounded one-gallon solvent container to rinse out any contaminants from the tub.
- 4.15 When the tub is clean, set the tub back to upright.
- 4.16 Close the valve on the tub.
- 4.17 Unhook the flow line.

# Procedure for Tub Wash

## **Standard Operating Procedure**

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4.18 Hang the flow line on the hook.



- 4.19 Turn off the pump.
- 4.20 Disconnect the ground.
- 4.21 Reinstall the cap on the valve of the tub.
- 4.22 Push the tub to the storage area.
- 4.23 Repeat the task.