SECTION 6 - *Maintenance*

General, periodic maintenance is needed to keep Printer in good working order. Many tasks can be performed by operators with basic supplies, no special tools needed. Other tasks should only be performed by trained service personnel. **NOTE:** High volume usage may require more frequent maintenance.

Maintenance Supplies & Equipment: Flashlight, small telescoping mirror, hard-bristled toothbrush, tweezers, small flathead screwdriver, powder-free nitrile gloves, protective clothing and eyewear, vacuum with wand, deionized/distilled water, Super Lube 21030 synthetic grease (*or equivalent*), Loctite 38650 copper anti-seize (*or equivalent*), can of compressed air, foam or lint-free cotton swabs, lint-free wipes, disposable shop towels.

AS NEEDED MAINTENANCE (Depending on Printer usage)	
Cleaning (Remove media fibers and ink residue):	Media path, Service Station (Wiper Roller, Platen)
Ink Drip Tray	Empty and clean weekly or as needed.
Ink Revolver Couplings	Inspect and clean after every Printhead removal.
Printhead	Wipe as needed to maintain print quality.
Printhead Pen Driver PCA	Clean contacts after every Printhead removal.
Lubrication	Printhead Lift Assembly, Media Thickness Adjustment Assembly, Clamshell Latch Release Assembly, Service Station Wiper Roller Gear
Replacement	Wiper Roller, Ink Waste Tray, Ink Revolver Couplings, Tubing, Belts.
DAILY MAINTENANCE	
Printhead	Clean manually prior to installing. **Clean after:** Installing and priming, removing and replacing, priming or repriming, contamination. media jams and when automated servicing does not clear nozzles.
Media Path	Clean to remove excess ink residue and debris.
Print Engine: System Components, Paper Path surfaces (upper and lower)	Clean to remove excess ink residue and debris. **NOTE: DO NOT wipe Starwheel Assemblies.**
Service Station: Capping Station and Platen	Empty/clean excess ink residue and debris.
BI-WEEKLY MAINTENANCE	
Media Sensors	Clean to remove excess ink residue and debris.
Print Engine	Clean to remove excess ink residue and debris.
Wiper Roller, Cap Station Seal	Inspect for proper operation and wear.
MONTHLY MAINTENANCE	
Ink Tubing, Connections, Peristaltic Pump, Pinch Valve & Vents, Buffer Boxes, Ink Revolver Couplings	Inspect for leaks, kinks, pinches, proper operation.
Ink Waste Tray	Inspect for excessive ink saturation or leakage.
Printhead Lift Motor Belts, Service Station Motor Belts, Feed Motor Belt, Paper Path Motor Belt, Media Thickness Adjustment Belts	Inspect for proper tension, operation, debris and wear.
YEARLY MAINTENANCE	
Check Firmware Version	Verify latest version and update if needed.
Grit Rollers	Clean to remove excess ink residue and debris.
Ink Tank Latches/Ink Tank Bay	Inspect for proper operation, wear, debris, leakage.
Inspect Moving Parts: Media Path, Pump, Pinch Valves, Printhead Lift and Service Station	Verify smooth operation. Listen for unusual noise indicating damage or wear.
Lubrication	Printhead Lift Assembly, Clamshell Latch Release Assembly, Media Thickness Adjustment Assembly, Service Station Wiper Roller Gear
Service Station: Wiper Roller, Sled Assembly	Clean to remove excess ink residue and debris.

WARNING!

ALWAYS POWER DOWN PRINTER BEFORE CONNECTING OR DISCONNECTING ANY WIRING HARNESSES OR CABLE CONNECTIONS TO AVOID SERIOUS SHOCK OR INJURY.

CAUTION

- **ALWAYS USE APPROPRIATE PERSONAL PROTECTION EQUIPMENT (PPE).**
- **USE ELECTROSTATIC DISCHARGE (ESD) PROTECTION WHEN MAINTAINING EQUIPMENT.**
- **DISPOSE OF ALL MAINTENANCE WASTE IN ACCORDANCE WITH LOCAL REGULATIONS.**