

Quarterly Line-Area Check Sheet

Form ID: QF-175 (Rev C, 9-22-25)

Meminger Metal Finishing (MMF)

Instructions:

- Use the following marks in the monthly columns:
- ✓ = Task completed and/or inspection passed.
 - X = Item failed inspection. Note details in the comments/corrective action column.
 - N/A = Item is not applicable for this inspection period.

Year:

Inspector(s):

Line Inspected: ☐ Barrel ☐ Auto 1 ☐ Auto 3 ☐ SQD ☐ Flake/Paint ☐ Building

Inspection Item	January	April	July	October	Comments / Corrective Action
GENERAL & COMMON CHECKS (ALL LINES)					
Tasks & Inspections					
Air Vent (ID__):					
PM: Vacuum motor cooling fins and drive unit. Grease fan shaft bearings. Check and clear condensate drain line. Wipe down and clean vent hoods.					
Inspection: Visually inspect vent tubes and ducting for signs of buildup or blockage. Check for proper airflow at hoods.					
Superstructure:					
PM: Wipe down and clean hoist trolley rails to remove process buildup. Check critical structural fasteners and bolts for proper tightness, re-torque as needed.					
Inspection: Visually inspect all beams, columns, and weldments for signs of corrosion, stress fractures, or physical damage. Check for any loose bussing, conduit, or support components.					
Safety Shower / Eye Wash (ID__): Activate unit to confirm steady, adequate water flow and clear spray pattern. Check for leaks or obstructions.					
Confirm Logs Complete: Verify that daily/monthly inspection logs for all ladders, forklifts, and safety harnesses in the area are complete and up to date.					
Measurements & Readings					
Air Vent (re: ID above): Drive Reading					
Max Current					
Frequency (Hz)					
Status (Circle One)	On / Off	On / Off	On / Off	On / Off	
BARREL LINE - SPECIFIC CHECKS					
Tasks & Inspections					
East Hoist: PM - Grease all hoist and trolley wheel bearings. Oil vertical guide rails. Lubricate proximity sensor faces and festoon cable trolley wheels.					
Inspection: Inspect lift straps for fraying/wear. Check wheels and guides for damage. Inspect welds for cracks. Check conduit for damage and ensure alarms are functional.					
Spin Dryer: PM - Grease spin basket and blower motor bearings.					
Inspection: Check for adequate air flow from blower. Inspect drive belts for wear, tension, and cracking.					
Plater Filter (Y=Good, N=Needs Cleaned):	Y / N	Y / N	Y / N	Y / N	
Feeder Pumps (Plater, Yellow & Clear Chromate):					
PM: Squeeze tube on each pump and check for leaks or signs of wear.					
Inspection: Verify each pump is operational, dosing correctly, and has no leaks. Verify limit switches on all associated tanks are functioning.					
Push Air Source (Circle One):	SQD / A1	SQD / A1	SQD / A1	SQD / A1	

Inspection Item	January	April	July	October	Comments / Corrective Action					
Bubble Maker Source (Circle One):	SQD / A1	SQD / A1	SQD / A1	SQD / A1						
Push Air Blower (re: Source):										
Inspection: Inspect drive belts for wear, tension, and cracking. (Belt #: MXV4-540)										
Bubble Maker Blower (re: Source):										
Inspection: Inspect drive belts for wear, tension, and cracking. (Belt #: MXV4-540)										
Jib Crane (ID__):										
PM: Grease trolley hook or eyelet.										
Inspection: Visually inspect all welds for cracks. Check hoist chain for wear and proper lubrication. Confirm hoist controls function correctly (up/down).										
Measurements & Readings										
East Hoist - Hydro Motor: Drive Reading										
Max Current										
Plater Filter PSI:										
Pump Speeds (sec/100mL):										
Plater Amp/Hr										
Yellow Chromate										
Clear Chromate										
Component Amp Readings										
Left Side Components	Jan	Apr	Jul	Oct	Right Side Components	Jan	Apr	Jul	Oct	Comments
Spin Dryer: Blower Amps					Hot Rinse Heater Amps					
L1					L1					
L2					L2					
L3					L3					
Heaters (ID__): Heater Amps					Platers Rectifier - Current Draw					
L1					L1					
L2					L2					
L3					L3					
Electro Rectifier - Current Draw										
L1										
L2										
L3										
AUTO 1 LINE - SPECIFIC CHECKS										
Tasks & Inspections										
East & West Hoists: PM - Grease all hoist and trolley wheel bearings. Oil vertical guide rails. Lubricate proximity sensor faces.										
Inspection: Inspect lift straps for fraying/wear. Check wheels and guides for damage. Inspect welds for cracks. Check conduit for damage and ensure alarms are functional.										
Dryer: PM - Grease conveyor and blower motor bearings.										
Inspection: Check for adequate air flow from blower. Inspect conveyor and blower belts for wear, tension, and cracking.										
Plater Filter (Y=Good, N=Needs Cleaned):						Y / N	Y / N	Y / N	Y / N	
Sealer Filter (Y=Good, N=Needs Cleaned):						Y / N	Y / N	Y / N	Y / N	
Feeder Pumps (Plater, Yellow & Clear Chromate):										
PM: Squeeze tube on each pump and check for leaks or signs of wear.										
Inspection: Verify each pump is operational, dosing correctly, and has no leaks. Verify limit switches on all associated tanks are functioning.										
Jib Cranes (IDs: __ & __):										
PM: Grease trolley hook or eyelet.										
Inspection: Visually inspect all welds for cracks. Check hoist chain for wear and proper lubrication. Confirm hoist controls function correctly (up/down).										
Measurements & Readings										
East Hoist - Lift Motor: Drive Reading										

Inspection Item	January	April	July	October	Comments / Corrective Action					
Max Current										
East Hoist - Drive Motor: Drive Reading										
Max Current										
West Hoist - Lift Motor: Drive Reading										
Max Current										
West Hoist - Drive Motor: Drive Reading										
Max Current										
Plater Filter PSI:										
Sealer Filter PSI:										
Pump Speeds (sec/100mL):										
Plater Amp/Hr										
Yellow Chromate										
Clear Chromate										
Component Amp Readings										
Left Side Components	Jan	Apr	Jul	Oct	Right Side Components	Jan	Apr	Jul	Oct	Comments
Dryer: Blower Amps					Push Air (ID__): Push Air Amps					
L1					L1					
L2					L2					
L3					L3					
Heaters (ID__): Heater Amps					Circulation Pump Amps					
L1					L1					
L2					L2					
L3					L3					
Hot Rinse Heater Amps					Acid Heater Amps					
L1					L1					
L2					L2					
L3					L3					
Platers Rectifier - Current Draw					Electro Rectifier - Current Draw					
L1					L1					
L2					L2					
L3					L3					
AUTO 3 LINE - SPECIFIC CHECKS										
Tasks & Inspections										
East Hoist: PM - Grease all hoist and trolley wheel bearings. Oil vertical guide rails. Lubricate proximity sensor faces.										
Inspection: Inspect lift straps for fraying/wear. Check wheels and guides for damage. Inspect welds for cracks. Check conduit for damage and ensure alarms are functional.										
Spin Dryer: PM - Grease spin basket and blower motor bearings.										
Inspection: Check for adequate air flow from blower. Inspect drive belts for wear, tension, and cracking.										
Plater Filter (Y=Good, N=Needs Cleaned):					Y / N	Y / N	Y / N	Y / N		
Feeder Pumps (Plater, Black & Clear Chromate):										
PM: Squeeze tube on each pump and check for leaks or signs of wear.										
Inspection: Verify each pump is operational, dosing correctly, and has no leaks. Verify limit switches on all associated tanks are functioning.										
Measurements & Readings										
East Hoist - Lift Motor: Drive Reading										
Max Current										
East Hoist - Drive Motor: Drive Reading										
Max Current										
Plater Filter PSI:										
Pump Speeds (sec/100mL):										
Plater Amp/Hr										
Black Chromate										
Clear Chromate										

Inspection Item	January	April	July	October	Comments / Corrective Action					
Component Amp Readings										
Left Side Components	Jan	Apr	Jul	Oct	Right Side Components	Jan	Apr	Jul	Oct	Comments
Spin Dryer: Blower Amps					Circulation Pump Amps					
L1					L1					
L2					L2					
L3					L3					
Heaters (ID__): Heater Amps					Platers Rectifier - Current Draw					
L1					L1					
L2					L2					
L3					L3					
Electro Rectifier - Current Draw										
L1										
L2										
L3										
SQD LINE - SPECIFIC CHECKS										
Tasks & Inspections										
East & West Hoists: PM - Grease all hoist and trolley wheel bearings. Oil vertical guide rails. Lubricate proximity sensor faces.										
Inspection: Inspect lift straps for fraying/wear. Check wheels and guides for damage. Inspect welds for cracks. Check conduit for damage and ensure alarms are functional.										
Dryer: PM - Grease conveyor and blower motor bearings.										
Inspection: Check for adequate air flow from blower. Inspect conveyor and blower belts for wear, tension, and cracking.										
Plater Filter (Y=Good, N=Needs Cleaned):					Y / N	Y / N	Y / N	Y / N		
Sealer Filter (Y=Good, N=Needs Cleaned):					Y / N	Y / N	Y / N	Y / N		
Feeder Pumps (Plater, Yellow, Clear & Black Chromate):										
PM: Squeeze tube on each pump and check for leaks or signs of wear.										
Inspection: Verify each pump is operational, dosing correctly, and has no leaks. Verify limit switches on all associated tanks are functioning.										
Regeneration Vent Pipes:										
PM: Visually inspect and clean out any buildup. Ensure clear airflow.										
Jib Crane (ID__):										
PM: Grease trolley hook or eyelet.										
Inspection: Visually inspect all welds for cracks. Check hoist chain for wear and proper lubrication. Confirm hoist controls function correctly (up/down).										
Measurements & Readings										
East Hoist - Lift Motor: Drive Reading										
Max Current										
East Hoist - Drive Motor: Drive Reading										
Max Current										
West Hoist - Lift Motor: Drive Reading										
Max Current										
West Hoist - Drive Motor: Drive Reading										
Max Current										
Plater Filter PSI:										
Sealer Filter PSI:										
Pump Speeds (sec/100mL):										
Plater Amp/Hr										
Yellow Chromate										
Clear Chromate										
Black Chromate										
Component Amp Readings										

Inspection Item					January	April	July	October	Comments / Corrective Action	
Left Side Components	Jan	Apr	Jul	Oct	Right Side Components	Jan	Apr	Jul	Oct	Comments
Dryer: Blower Amps					Acid Heater Amps					
L1					L1					
L2					L2					
L3					L3					
Heaters (ID__): Heater Amps					Circulation Pump Amps					
L1					L1					
L2					L2					
L3					L3					
Hot Rinse Heater Amps					Electro Rectifier - Current Draw					
L1					L1					
L2					L2					
L3					L3					
Platers Rectifiers #1-6 - Current Draw										
Rectifiers #1-3	Jan	Apr	Jul	Oct	Rectifiers #4-6	Jan	Apr	Jul	Oct	Comments
Platers Rectifier #1					Platers Rectifier #4					
L1					L1					
L2					L2					
L3					L3					
Platers Rectifier #2					Platers Rectifier #5					
L1					L1					
L2					L2					
L3					L3					
Platers Rectifier #3					Platers Rectifier #6					
L1					L1					
L2					L2					
L3					L3					
FLAKE/PAINT LINE - SPECIFIC CHECKS										
Tasks & Inspections										
Paint Booth (ID__):										
<i>Inspection (Filters/Nozzles):</i> Inspect condition of intake and exhaust filters; replace if necessary. Check spray nozzles for clogging or damage.										
<i>Inspection (Lights):</i> Check all light fixtures for proper operation. Clean lenses and replace any burnt-out bulbs as needed.										
<i>Inspection (Blower):</i> Inspect drive belts for wear, tension, and cracking. (Belt #: MXV4-540)										
Curing Oven (ID__):										
<i>Inspection (Mechanical):</i> Inspect conveyor chain for proper tension and lubrication. Visually inspect burner tubes and ignition system for soot or damage.										
<i>Inspection (Temperature):</i> Verify oven controller is set to correct temp per process sheet. Check thermocouple for damage/proper placement.										
Measurements & Readings										
Component Amp Readings										
Left Side Components	Jan	Apr	Jul	Oct	Right Side Components	Jan	Apr	Jul	Oct	Comments
Paint Booth (ID__): Exhaust Fan Amps					Curing Oven (ID__): Circulation Fan Amps					
L1					L1					
L2					L2					
L3					L3					
BUILDING - SPECIFIC CHECKS										
Tasks & Inspections										
Building Number:										
Emergency Lighting (ID__):										
<i>Inspection:</i> Press test button on all emergency light units to confirm battery and bulb function. Check for physical damage or obstructions.										
Exit Pathways & Doors:										

Inspection Item	January	April	July	October	Comments / Corrective Action
Inspection: Walk all exit routes to ensure they are clear of obstructions, debris, and equipment. Confirm all exit doors open freely and are not blocked.					
Fire Extinguishers:					
Inspection: Verify all extinguishers are in their designated locations, are unobstructed, and that the pressure gauge is in the green. Check for expired inspection tags.					
General Housekeeping:					
Inspection: Visually inspect walkways, storage areas, and work zones for trip hazards, spills, or excessive clutter. Ensure proper storage of chemicals and materials.					
Electrical Systems:					
Inspection: Check for broken conduit, exposed wiring, and misused or damaged drop cords.					
Inspection: Ensure all breaker panels are unobstructed and free from damage.					
Inspection: Check oil breaker box hinges and latches where accessible.					
Gas Lines:					
Inspection: Visually inspect accessible gas lines for signs of damage, leaks, or corrosion.					
Flooring:					
Inspection: Check floors for significant cracks, holes, or other damage that could pose a trip hazard.					
Garage Doors (IDs:___):					
PM: Lubricate all rollers, hinges, and springs.					
Inspection: Check cables for fraying, test safety sensors, and ensure the door opens and closes smoothly.					
Air Makeup Unit (ID___):					
PM: Replace filters.					
Inspection: Check for unusual noises, ensure proper airflow, and inspect the burner compartment for soot or damage.					
Measurements & Readings					
Component Amp Readings					
Component	Jan	Apr	Jul	Oct	Comments
Air Makeup Unit (ID___): Fan Amps					
L1					
L2					
L3					

General Notes / Corrective Action Log

Inspector's Signature:

Meminger Metal Finishing (MMF), Commitment to Quality:

"We are committed to provide a quality plating processes to our customers, while listening to the voice of our stakeholders Driven by this voice we will strive for continuous improvement in all aspects of our business."