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<b>DESCRIPTION:</b>	Mechanical – Siebtechnik TEMA BFP Series 7100 – Inspection and Service	<b>FREQUENCY:</b>	
<b>LOCATION:</b>		<b>STANDARD JOB No.:</b>	

	<b>INTERMEDIATE SERVICE</b>
	Note: Minor repairs and/or additional replacements other than already documented can be undertaken, however, request to be submitted to Urban Utilities for approval before proceeding.
	Before isolating any equipment, check for unusual noise, vibration, leaks.
	Lubrication:
	Apply grease to grease nipples for screen roller bearings. Grease bearings until grease weeps from the seals.
	Apply grease to belt tracking and belt tensioning systems at pivot points.
	Check oil level in gear motor unit(s)
	Clean breather plug
	Check gear motor unit(s) is clean (to avoid risk of overheating)
	Pneumatic System:
	Check all airlines for leaks
	Clean air filters
	Wash System:
	Check condition and operation of wash system
	Check condition of and clean out spray nozzles
	Check filtrate and spray wash troughs are clean and not blocked
	Tracking system:
	Check condition and function of tracking system. Pay attention to check rubber is not perished or punctured. Move tracking arm by hand to ensure air discharges from one air spring to the other and does so in both directions. Check pneumatic control arm for wear & tear.
	Belt Tensioning System:
	Check condition and function of belt tensioning system. Pay attention to check the condition of rubber bellows.
	Belt:
	Check condition of belt for wear & tear. Pay attention to check edges for fraying and alignment of seam.
	Check belt does not contact/rub against metal pans/troughs e.g. spray box or drip tray.
	Check alignment of belt. Check for any signs of folding.
	Doctor Blades:
	Check condition of doctor blades. Check for wear. Check alignment and tension on doctor blades as per OEM instructions.
	Rollers:
	Check for unusual wear on the rollers and that they are clean.

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<b>MAJOR SERVICE</b>
Note: Minor repairs and/or additional replacements other than already documented can be undertaken, however, request to be submitted to Urban Utilities for approval before proceeding.
Before isolating any equipment, check for unusual noise, vibration, leaks.
Lubrication:
Apply grease to grease nipples for screen roller bearings. Grease bearings until grease weeps from the seals.
Apply grease to belt tracking and belt tensioning systems at pivot points.
Replace oil - gear motor unit(s).
Clean breather plug
Check gear motor unit(s) is clean (to avoid risk of overheating)
Pneumatic System:
Check all airlines for leaks
Clean air filters
Wash System:
Check condition and operation of wash system. Check wash box for leaks
Check condition of and clean out spray nozzles
Check filtrate and spray wash troughs are clean and not blocked
Check condition of side seals for deterioration or damage
Tracking system:
Check condition and function of tracking system. Pay attention to check rubber is not perished or punctured. Move tracking arm by hand to ensure air discharges from one air spring to the other and does so in both directions. Check pneumatic control arm for wear & tear.
Belt Tensioning System:
Check condition and function of belt tensioning system. Pay attention to check the condition of rubber bellows.
Belt:
Check condition of belt for wear & tear. Pay attention to check edges for fraying and alignment of seam.
Check belt does not contact/rub against metal pans/troughs e.g. spray box or drip tray.
Check alignment of belt. Check for any signs of folding.
Check condition of side seals
Doctor Blades:
Check condition of doctor blades. Check for wear. Check alignment and tension on doctor blades as per OEM instructions.
Rollers:
Check condition of rollers and coating. Check for signs of uneven wear.

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<b>OVERHAUL</b>
Note: Minor repairs and/or additional replacements other than already documented can be undertaken, however, request to be submitted to Urban Utilities for approval before proceeding.
Before isolating any equipment, check for unusual noise, vibration, leaks.
Lubrication:
Apply grease to grease nipples for screen roller bearings. Grease bearings until grease weeps from the seals.
Apply grease to belt tracking and belt tensioning systems at pivot points.
Replace oil - gear motor unit(s).
Clean breather plug
Check gear motor unit(s) is clean (to avoid risk of overheating)
Pneumatic System:
Check all airlines for leaks
Clean air filters
Wash System:
Check condition and operation of wash system. Check wash box for leaks
Check condition of and clean out spray nozzles
Check filtrate and spray wash troughs are clean and not blocked
Check condition of side seals for deterioration or damage
Tracking system:
Check condition and function of tracking system. Pay attention to check rubber is not perished or punctured. Move tracking arm by hand to ensure air discharges from one air spring to the other and does so in both directions. Check pneumatic control arm for wear & tear.
Belt Tensioning System:
Check condition and function of belt tensioning system. Pay attention to check the condition of rubber belows.
Belt:
Check condition of belt for wear & tear. Pay attention to check edges for fraying and alignment of seam.
Check belt does not contact/rub against metal pans/troughs e.g. spray box or drip tray.
Check alignment of belt. Check for any signs of folding.
Replace all side strips and adjust to belt.
Doctor Blades:
Check condition of doctor blades. Check for wear. Check alignment and tension on doctor blades as per OEM instructions.
Rollers:
Check condition of rollers and coating. Check for signs of uneven wear.

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	Bearings:
	Remove bearing caps and check condition of bearings
	Check for water ingress and signs of corrosion on the bearings
	Renew all bearing house seals
	Structure:
	Check support frame, body, safety mesh, handrails and platforms for corrosion or defects