

DESCRIPTION:	Mechanical – Amiad Self Cleaning Filters (Brush Type) – Inspection and Service	FREQUENCY:	
LOCATION:		STANDARD JOB No.:	

SCOPE
Complete inspection and service of Self Cleaning Brush Filters.
REQUIREMENTS
Complete inspection and service as per relevant task list below.
PROCEDURAL STEP
Where possible, observe equipment in running condition before isolating. Check for unusual noise, vibration, leaks. Check for correct operation
REFERENCE MATERIAL
AMIAD Automatic Filters – Motorised Brush-Away Filter – Installation, Operation and Maintenance Instructions
MATERIALS
Gearbox – ISO320 viscosity synthetic oil
Driveshaft – Heavy duty non-oxidizing grease
Seals and O-rings – Silicon Grease
MINOR SERVICE
Check status of filter and if any alarm/fault messages are active on the controller.
Check for leakage from the driveshaft seal and from the pump and/or piping.
Check proximity sensor striker plate is adjacent to proximity sensors
Test the operation of the filters
Check Differential Pressure across the filter
Inspect and clean exhaust valves filter
Check condition of driveshaft and drive bushing
Remove old grease and apply new grease on driveshaft and drive bushing – manufacturer recommended or equivalent*
Check wear on brushes
<i>***If brush requires replacement, submit request for corrective maintenance activity***</i>
Check condition of brush rod for damage
Check brush rod end connection and R-clips for wear and secureness
Check filter coating for damage or deterioration
Check filter element condition
Reassemble filter and return to service, checking for correct operation

[illegible]