

Metso

Inspection services

Filtration inspection packages



Regular, systematic inspections provide you with a clear understanding of the current condition and maintenance needs of your equipment to keep your operations running.

3 Inspection packages for your Metso filters designed to reduce unplanned downtime, equipment failure, and risks associated with operating faulty equipment.

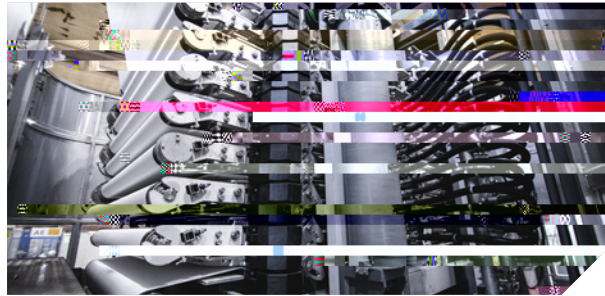


Undetected issues can lead to breakdowns and unplanned service work, significantly increasing repair costs and production downtime.

Benefits

- Reduced downtime
- Extended filter lifetime
- Increased reliability
- Improved safety
- Minimized plant downtime
- Better visibility of maintenance

Metso Filter inspection packages



	1. Visual and Vitals	2. Mechanical Verification	3. Comprehensive/Customized
Core benefit	A quick way to understand your filters overall condition for peace of mind	Maximized filter availability through a more detailed inspection with additional adjustments and services	Maximized filter performance and equipment longevity
Downtime required *	1 shift, total inspection time 2 shifts	1 shift, total inspection time 2 shifts	2 - 3 shifts 5 3
Inspection frequency recommendation	2 - times per year	Once a year	Once every 2 - years
Inspection of ering	<p>Inspection done during operation and quick shut-down</p> <p>OEM visual inspection of the filter, mainly during operation</p> <p>Catch safety hazards, overall filtration results, maintenance intervals, leakages and hydraulic pressures</p> <p>Performed over 1 shift with filter running and includes short stoppages</p> <p>Historical data helps predict filter component performance over time</p> <p>Detailed future inspections recommended if needed</p>	<p>Full mechanical inspection with filter operating and shutdown. Approximate inspection time allocated to 1 shift with filter running and 1 shift with filter shutdown. Includes the Filter Visuals and Vitals inspection as well as:</p> <ul style="list-style-type: none"> OEM inspection with guards and covers removed Plate pack inspection Additional tests, measurements and services Mechanical adjustments as required 	<p>Full visual, vitals and mechanical inspections including the adjustment of the hydraulics and system flushing. Performed over 3-5 shifts with filter stopped. Additional inspections, measurements and services performed such as:</p> <ul style="list-style-type: none"> Hydraulic unit: condition inspection, pump calibration, functionality and leak check, valve adjustment, oil cooler and accumulator check Hydraulic field circuit: cylinder functionality and leakage check, valve adjustment and functionality check Reservoir cleaning and field circuit flushing Reporting including measurements report and action recommendations Modernization and upgrade recommendations Spare part audit and availability check

*Number of shifts filter needs to be stopped to complete each inspection with optimum number of technicians (in addition to inspection while filter is in operation)
Components and tasks may vary depending on the type of filter

