PROFESSIONAL COMMISSIONING FOR A SAFE AND RELIABLE SYSTEM START-UP

START SAFELY. OPERATE RELIABLY.

Commissioning is a crucial step in ensuring the safe and reliable operation of your filtration system. Professional commissioning ensures that all relevant components are correctly installed, configured and properly coordinated.

Filtra systematically inspects the system, verifies the relevant operating parameters and supervises the controlled start-up.

This establishes the basis for safe operation, reliable filtration performance and minimal operational disruptions.



SYSTEM INSPECTION

MECHANICAL & ELECTRICAL INSPECTION

INITIAL START-UP

PROCESS OPTIMISATION

TRIAL OPERATION

DOCUMENTATION & HANDOVER

WHY PROFESSIONAL COMMISSIONING?

Prevent Errors from the Start
Systematic checks before start-up help identify and correct installation or configuration errors at an early stage.

Ensure a Safe System Start-Up
Controlled commissioning reduces the risk of unexpected operating conditions and establishes a safe basis for continued operation.

Ensure Correct Operating Parameters
Relevant pressure, flow and monitoring parameters are checked and adjusted to the specified operating conditions.

Ensure Filtration Performance
Correct installation of filter elements and proper system configuration are essential for reliable filtration performance.

Train Operating Personnel
Structured handover and training provide responsible personnel with essential information for safe system operation.

Establish Documentation
Documented settings and operating parameters provide a valuable basis for future inspections, maintenance and optimisation.

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COMMISSIONING PROCESS

System Inspection
Verification of complete installation | Check of all connections | Visual inspection of all components | Comparison with design documents

Mechanical & Electrical Inspection
Inspection of mechanical assemblies | Check of electrical connections | Sensor verification | Inspection of safety devices

Initial Start-Up
Initial system filling | Pressure and leak testing | Adjustment of operating parameters | Functional testing of filtration equipment

Process Optimisation
Fine-tuning of system parameters | Flow rate optimisation | Adjustment to operating conditions | Efficiency improvement

Trial Operation
Trial run under actual operating conditions | Verification of measured values | Performance testing | Troubleshooting and fine-tuning

Documentation & Handover
Commissioning report | Documentation of all settings | Operator training | Official system release

FREQUENTLY ASKED QUESTIONS

How long does commissioning take?
Depending on system size and complexity, commissioning typically takes between one and several working days.

Does operating personnel need to be present?
Yes, we recommend that the designated operating personnel attend the commissioning process.

Are all functions tested?
Yes, all safety-related and operational functions are tested before the system is released for operation.

Will I receive documentation?
Yes, you will receive a complete commissioning report covering all inspections, settings and recommendations.

Do you also support existing systems?
Yes, we also provide recommissioning and optimisation following modifications, extensions or modernisation of existing filtration systems.

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