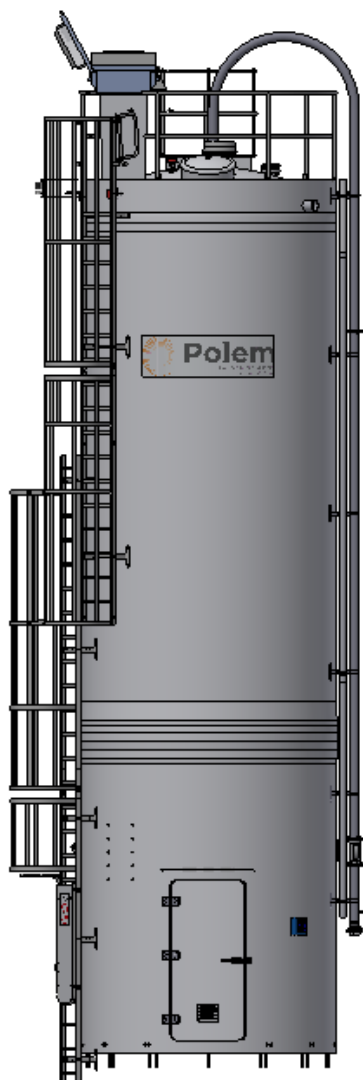


## POLEM EXPERT CHECK

Protection, prevention and optimization for your silos and tanks



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### 1. Introduction

In today's industrial environment, reliable storage of raw materials is essential for ensuring a continuous production process. Downtime means regression – and often has a direct financial impact. Since 1972, Polem has been developing and producing high-quality composite silos and tanks known for their seamless, strong and mirror-smooth properties.

The right flow, the right process, the right Polem – that's what it's all about. But like all technical installations, regular inspection and maintenance are necessary to guarantee optimal performance and lifespan. For this purpose, we have developed a periodic inspection program: a comprehensive inspection program that combines preventive maintenance with technical expertise to ensure the continuity of your process.

*"Every grain, every drop. Quality in, quality out."*



## 2. What are Polem Expert Checks?

Polem Expert Checks are periodic inspections carried out by experienced technical specialists from Polem. These inspections are designed to thoroughly evaluate the condition of your silos and tanks, identify potential problems early, and ensure the optimal operation of your storage systems.

The Expert Check is more than just visual inspections; they include advanced measurements and evaluations to assess the structural integrity, wall thickness, material strength, and functionality of all components. This process allows Polem to get a complete picture of the current state of your silo or tank and make targeted recommendations for any repairs, upgrades, or improvements.

### Why choose Polem Expert Checks?

- **Operational safety:** periodic inspection and maintenance reduce the risk of damage and disruptions in your business process.
- **Value preservation:** Preventive maintenance ensures long-term preservation of the value of your silo or tank.
- **Technical expertise:** Direct access to the knowledge and experience of the manufacturer.
- **Customized solutions:** Specific recommendations tailored to your situation and needs.
- **Inspection report and recommendations:** Detailed reporting that informs you and makes any recommendations.

## 3. The value of preventive maintenance

**In the management of silos or tanks, preventive maintenance is gaining ground** compared to reactive maintenance. There's a good reason why: preventive maintenance leads to lower total cost of ownership, increased operational reliability, and a longer equipment lifespan.

### The hidden costs of deferred maintenance

When maintenance is postponed, small problems can grow into large, costly repairs. Some examples of hidden costs:

- **Production losses: Unplanned downtime due to sudden defects**
- **Product quality issues:** Contamination or degradation of stored raw materials
- **Shortened lifespan:** Premature replacement of components or entire installations
- **Reduced efficiency:** Suboptimal operation increases energy consumption and operational costs
- **Safety risks:** Increased risk of incidents and workplace accidents

## 4. The Expert Checks process

The Expert Check program follows a structured process to deliver maximum value:

### 1. Preparation and planning

- **Cost estimate:** Polem's After Sales department sends a cost estimate to the customer.
- **Planning:** After written approval, the inspection is scheduled in consultation with the customer.
- **On-site preparations:** If necessary, the silo or tank must be emptied, cleaned, and dried.

### 2. Execution of the inspection

- **Visual inspection:** Thorough inspection of the interior and exterior of the silo or tank.
- **Measurements:** Evaluation of wall thickness and material strength.
- **Component evaluation:** Checking filters, ventilation provisions, vibrating bottoms, and other components.

### 3. Reporting and recommendations

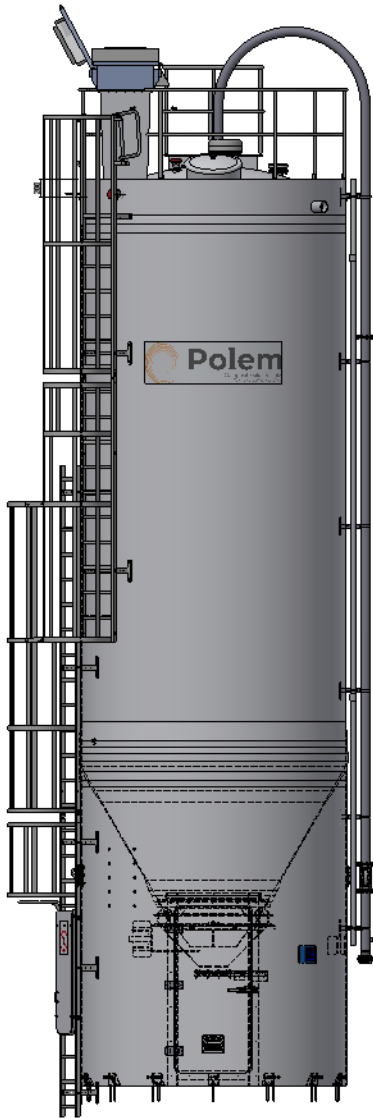
- **Inspection report:** Detailed report with findings, measurements, and photos.
- **Recommendations:** Concrete advice for repairs, upgrades, or preventive measures.
- **Cost estimate:** If necessary, an estimate of costs for recommended work.

### 4. Follow-up

- **Implementation:** Execution of approved repairs or upgrades.
- **Follow-up appointments:** Planning of future inspections.

## 5. What does an Expert Check include?

A Polem Expert Check is a thorough inspection carried out by an expert technician to ensure the condition of your silos and tanks. For silos, this includes a complete visual inspection of both the interior and exterior, including all components such as cone, cylinder, roof, and skirt. Vibrating bottoms, dust filters, safety valves, and access provisions are also carefully checked. For tanks, similar inspections are performed, with special attention to leak detection. In both cases, technical measurements are taken to determine wall thickness and material hardness. You receive expert advice on the use of your installation, an inventory of any damage, and recommendations for repairs or upgrades. Through regular Expert Checks, you extend the lifespan of your installations and increase operational safety, preventing downtime and unnecessary costs.



## 6. Benefits of Expert Checks

Polem Expert Checks offer several concrete benefits:

- Early detection of potential problems before they lead to costly malfunctions or production losses
- Extended lifespan of your silos and tanks through timely maintenance and targeted interventions
- Optimal operational reliability through regular evaluation of critical components
- Documentation of the condition of your installations for insurance purposes or regulatory compliance
- Access to factory expertise and specialized knowledge about your specific storage systems
- Peace of mind through the certainty that your storage systems are in optimal condition

## 7. Contact

For more information about Polem Expert Checks or to schedule an inspection, please contact:

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*It's not a silo or tank. It's a Polem.*