



**FROM ORIGINAL
EQUIPMENT MANUFACTURER
PREVENTATIVE MAINTENANCE
INCENTIVE PLAN**

CENTRAL POINT OF CONTACT FOR SERVICE, COMMISSIONING AND SPARE PARTS:

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Monday - Friday	6:00 - 17:00
Saturday	8:00 am - 12:00 noon
Public Holidays*	8:00 am - 12:00 noon

*Except Good Friday, Easter Sunday, Whit Sunday, Christmas Day and New Year's Day.

MEETING your EXPECTATIONS

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The information provided in this brochure contains a general description of the performance characteristics of the products concerned. The actual products may not always have these characteristics as described and, in particular, these may change as a result of further developments of the products. The provision of this information is not intended to have and will not have legal effect. An obligation to deliver products having particular characteristics shall only exist if expressly agreed in the terms of the contract.

FULL POWER

SMS Elotherm's Preventative
Maintenance Incentive Plan



SECURE YOUR PRODUCTION CAPACITY

You are invited to join our Preventative Maintenance (PM) Incentive Program. Each system receiving a PM qualifies for a 12-month replacement part

5% DISCOUNT

Why Elotherm for OEM Preventative Maintenance?

- Maximum system up time
- Timely detection and prevention of downtime root cause faults
- Immediate cost reduction with OEM maintenance quality

When and how does the 5 % discount go into effect?

- Immediately upon order placement, specifying the commission number for the system(s) to be serviced.
- The service must be scheduled and completed before the end of the year.

What is excluded from the discount program?

- Inductor (coil) repair
- The dispatch of service personnel

What is serviced under this PM program?

- The converter
- Power supplies
- Tooling

**PREVENTATIVE MAINTENANCE
SCOPE OF SUPPLY**

Please find below the typical scope of supply of a PM as carried out by SMS Elotherm for a heating system. Of course, the PM scope can be customized based on the Customer's requirements.

Converter (Power Supply) Type EM

- General visual inspection of the converter
- Function test of enclosure lighting, door/safety switches, and (if present) the frost monitor(s)
- Inspection and tightness checking of threaded fasteners in the power unit
- Inspection of the cooling system (condition of the hoses, leakage checks, sacrificial anode checks)
- Verification of input voltage and all converter supply voltages
- Checking the converter electronics (function tests, parameter checks, etc.)
- Check all thyristor/transistor control impulses
- Measure the specific idle values
- Check the converter output power under production conditions
- Check enclosure integrity (door seals, etc.)

Resonance Circuit, Capacitor Cabinet, Power Units

- Visual inspection
- Cooling system inspection (check for leakage)
- Visual checks of electrical isolation
- Checking and calibration of the temperature monitoring system (NTCs)
- Check the capacitor switches and transformer switches, to the extent that these items are accessible.
- Check enclosure integrity (door seals, etc.)

Tooling (e.g. inductors)

- Visual inspection of the inductors (coils)
- Verification of the cooling system
- Check the various system monitors (if present)

Discussion of findings and recommendations for improved system performance

- Replacement parts
- Modifications (updates, revamps, etc.)
- Energy efficiency consultation (for example)

PM documentation

- Transmittal of the PM Report
- Next PM requirements

OEM SERVICE

As one of our Service customers you benefit from the unique know-how of the machine manufacturer with more than 75 years of experience. That means our Service specialists know every technical detail and every aspect that affects the induction and production process.

As a customer you have a named contact in charge and our worldwide Service network at your disposal. For the entire lifetime of your machine.

