

7 BASIC OPERATIONS of T.E.M.I.T.

Treatment and Maintenance of Heating Systems

in accordance with UNI CTI 8065/8364 / 8884 DPR59/2009 and BS7593

Heating system NEW

1 Pickling and passivation of a new thermal system (0-6 months)



1 - 4 hours

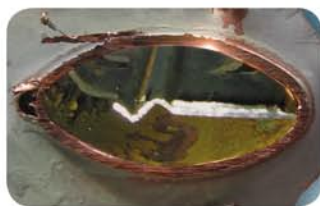
In case of a new or recently installed (3 - 6 months) system, before loading the circuit it is necessary to perform a good wash until the water is perfectly clean or better pickling, this means the removal of metal oxides and processing waste (oils, shavings, hemp residues, bad quality pastes, etc.).

We remember you that new does not mean clean!

Pickling

Make a pickling adding 2% FERRONEX respect to the total circulating liquid, and let it work for at least 3-5 hours inside the circuit .

Once finished, drain the system and perform an abundant backwash with water till this comes out clean, then in order to get a good corrosion protection, add the additive FILMAX + Thermakil® as in the previous case is suggested, or in case of use of antifreeze add with ATIGEL in a concentration not inferior to 30% .



Detail of an exchanger soiled by the use



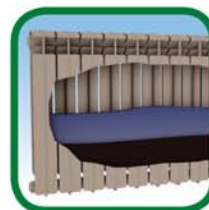
Pickled exchanger with 1,5% FERRONEX in 3 hours

Heating system NOT NEW (Over a year)

2 Sludge removal and passivation of a thermal system through the boiler circulator



2 - 3 weeks



In the presence of various types of sludge inside the plant, the best method is the use of a sludge removal coupled to an anticorrosion treatment with or without antifreeze .

Facot therefore suggests the use of ANTINEX + Thermakil®, a dissolution healing mud, disintegrating for sludge, algae, mud and limestone for thermal heating systems . Suitable for all types of plants, multimetallic or plastic ones, ANTINEX + Thermakil® is an anti-corrosion product that brings the limestone and the deposits contained into the systems in suspension .

Sludge removal

First you will need to drain the system from the circulating liquid, in order to immediately eliminate most of the inconsistencies, and check the quantity of water present in order to successfully perform the subsequent dilutions.

At this point you will have to use ANTINEX in ratio of 2 - 3 % of the circulating liquid into the system and make the boiler circulate at operating speed for at least 15 - 20 days, depending on the state of the plant, taking care to protect the boiler with the special filter WL -HOT -BOX equipped with purging. Once the healing treatment finished, you will proceed to drain all the liquid and make a backwashing with water until it runs clear and clean.