

Technical Note:

Re: CHS Boiler used with non-oxygen barrier tubing.

Installing any boiler in a system using non-oxygen barrier accelerates the corrosion process and can introduce impurities to the water resulting in premature component failure.

Installing the CHS boiler in a system using non-oxygen barrier tubing does not void the CHS warranty; however, failures that are a result of poor water quality, blocked tubes, unusual corrosion, and/or lack of adequate system maintenance, are NOT covered by the CHS warranty.

When non-oxygen barrier tubing is used, it is necessary to comply with the following instructions to limit the rate of corrosion and sustain the life of the system:

- Ensure that all components within the heating system (i.e. circulators, piping, fittings etc) are approved for potable water – NO CAST IRON!
- Clean and flush heating system piping and components with Fernox F3 boiler cleaner to remove harmful residue prior to commissioning the boiler.
- Adequately treat boiler water with Fernox F1 protector.
- Ensure the heating system is free of leaks and that the air is properly purged.
- Periodically check protector effectiveness using appropriate Fernox F1 test strips.