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TESTING and CLEANING aroclor

New or overhauled systems must be TESTED FOR LEAKS and *THOROUGHLY CLEANED OUT. This can be done in one* operation as follows:

Fill the empty system with cleaning solution (5 lbs. caustic soda and 5 lbs. of soda ash in each 1000 lbs. or 120 gal. of water).

Thoroughly vent the system to insure complete filling. Close the vents and start the circulation pump.

Start the burner at low fire, heat liquid to 180°F. Circulate solution *at least 24 hours.*

During this time, periodically drain off from a low spot some of the solution and replace this volume with clear water. Do this until the fluid in the system is clear. This takes about 24 hours.

When clear, raise the exit fluid temperature to 215-225°F., then turn the burner and pump off.

Next drain the entire system and open all vents. Residual heat will dry out the moisture. When inspection shows the system is thoroughly dry, close all drains and vents.

Now fill the system with Monsanto Aroclor 1248 until the expansion tank gauge reads 1/4 full.

Start the circulating pump and turn the burner on at low heat. Heat the fluid to 250°F. (return temp.) over a two-hour period. During this time, vent the lines every 10-15 minutes to allow any residual water vapor and air to escape. Reinspect the entire system for leaks while fluid circulates. Again inspect the expansion tank to make sure it is 1/4 full.

Finally, set the burner for full heat. Bring system up to normal operating temperature. Adjust all controls for full modulation. Examine all pipelines for expansion, adequate bracing and leaks. Proceed with normal operations.

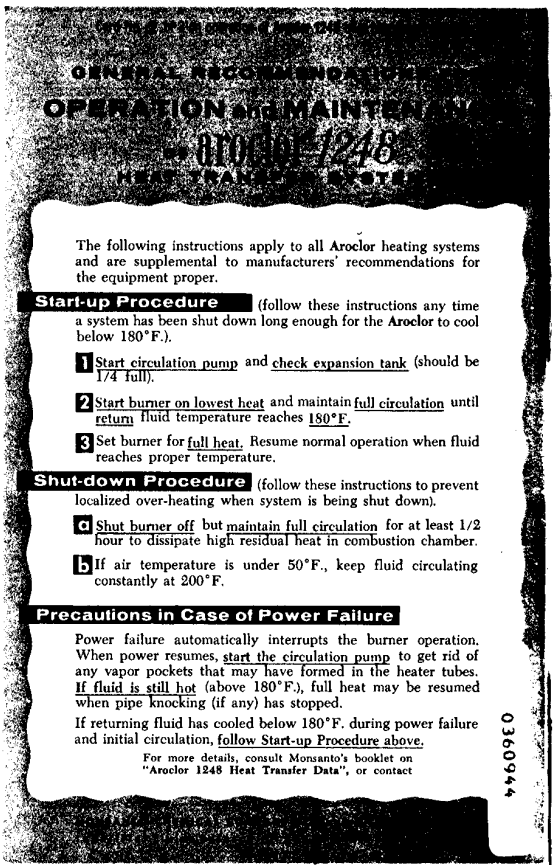
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