

July 28, 2003

TO: Persons Working on Boilers

FROM: Chief Boiler Inspector

RE: Informational Letter – 2003; BOILER MAINTENANCE ACTIVITIES

Some boiler maintenance and repair activities, which do not affect boiler operating characteristics or disturb boiler pressure boundaries, may be performed with a permit from this Division. These activities may require permits or licensing under other safety programs, such as electrical, mechanical or plumbing. Maintenance and repair organizations are responsible for any permit or license required by this program or by other programs.

The waiver granted by this Informational Letter does not relieve the contractor nor the boiler mechanic of the requirements for licensing described in Oregon Revised Statutes (ORS) 480.630 (1) and (2).

**BOILER MAINTENANCE AND REPAIR
ACTIVITIES NOT REQUIRING PERMIT**

Ø FUEL SUPPLY SYSTEMS

Changing or cleaning of fuel oil filters. Replacement of fuel oil piping or lines. Replacement of fuel oil pumps. Cleaning or replacement of fuel oil solenoid switches. Cleaning, or replacement in kind, of atmospheric burner assemblies. Cleaning or replacement in kind of low fuel oil pressure cut-off devices.

Ø ELECTRICAL COMPONENTS AND SYSTEMS

Adjustment or replacement of spark electrodes or glow-plug fuel igniters. Replacement of stack switches. Replacement in kind of electrical control circuit components such as switches or relays. Replacement of heating elements in an electric boiler. Replacement in kind of pump or blower motors. Adjustment of control system appurtenances to achieve optimum operating conditions of the boiler

Ø WATER SIDE APPURTENANCES

Repair or replacement in kind of water circulating or feed pumps. Repair or non-welded replacement of boiler or piping system valves. Opening and cleaning of water level controllers. Replacement of water-glass tubes or sealing rings.

Ø BOILER MAINTENANCE

Cleaning of boiler internal or external surfaces. Regasketing of boiler closures. Removal and replacement of castable refractory, fire brick or fire block materials, either internal or external to the boiler. Removal or installation of insulating sheets, batts or blankets. Encapsulation of existing

insulation systems. Demolition and removal of boiler brick work and disconnected boilers or boiler parts.

**BOILER MAINTENANCE AND REPAIR ACTIVITIES
SPECIFICALLY REQUIRING PERMIT**

Ø **BOILER REPAIR**

Any welded or mechanical repair or attachment to pressure bearing parts or boundaries of a boiler. Replacement or rolling of boiler tubes by mechanical means. Replacement of cast iron boiler sections. Replacement of burner assemblies.

Ø **CONTROLS AND SAFETY DEVICES**

Replacement of any fuel gas system component. Replacement of pressure or temperature control devices. Replacement of safety or safety relief valves. Replacement of water-level control devices. Alteration or modification of original control or fuel system.