

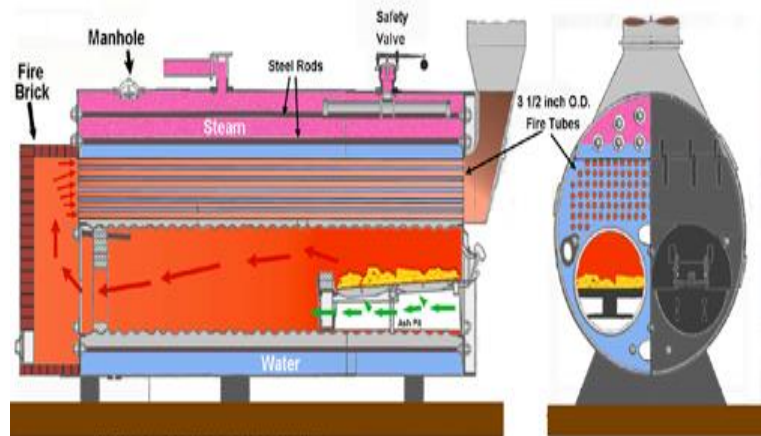
BOILER WATER TREATMENT

Service provided with boiler treatment includes the following:

- Physical/Pre-treatment of water supply using filters to remove suspended solids/sediments.
- Chemical treatment of water supply to control scale and corrosion for the boiler and its utilities.
- Supply of equipment requires to ensure that integrity and efficiency of the boiler is maintained at all time.
- Performing water analysis to check on efficiency of the applied chemical treatment program and also supply a service report after each service visit.
- Performing boiler inspection on the water side to confirm efficiency of the chemical treatment programme applied and also supply a service report after each service visit.

Chemical treatment includes the supply of

- **Oxygen scavenger chemicals** for the removal of dissolved oxygen in boiler feed water thus preventing corrosion due to dissolved oxygen.
- **Scale controller chemical** which will control scale formation by keeping hardness in suspension and allowing it to be removed from the boiler via boiler blow-down.
- Steam/Condensate chemicals which will polish steam/condensate and preventing it from attacking steam/condensate pipe lines associated with the boiler



Equipment supplied

- Water softeners. This is used to remove hardness (i.e. calcium and magnesium) from water thus reducing chances of scaling up the boiler.
- Chemical dosing equipment which will enable proportional chemical dosing to water used and thus preventing periodical/slug dosing of chemicals and also reducing man handling of chemicals.
- Boiler blow-down system which will continuously monitor boiler water conductivity/TDS and allow system to blow-down to correct boiler water conductivity. Automatic blow-down system reduces frequency of manual blow-downs and optimises quality of steam produced.

