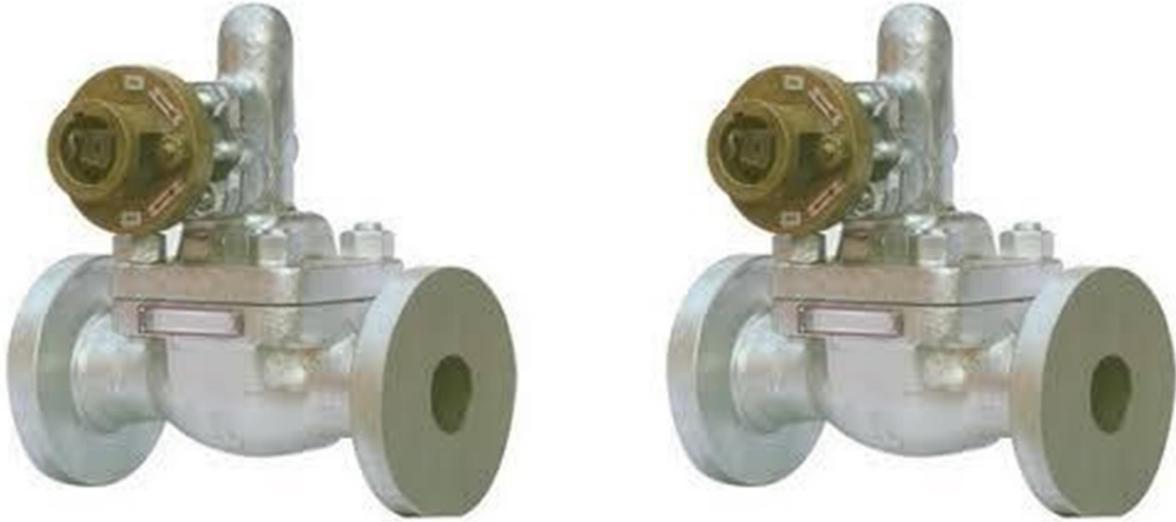


## Blowdown Valves

Blowdown valves are commonly used in boilers in order to drain dissolved solids from the boiler water. These valves are fitted on the drain lines of the boilers. One or multiple blowdown valves are used in boilers depending upon its design and purpose.



Boiler blowdown makes use of water to be intentionally wasted from a boiler to avoid concentration of impurities during continuing evaporation of steam. The water is blown out of the boiler forcefully with some steam pressure within the boiler.

### Why is blowdown valves used?

A steam boiler evaporates liquid water to form steam, or gaseous water; and requires frequent replenishment of boiler feedwater for the continuous production of steam according to the requirement of boiler applications.