

# What is Erosion?

## Erosion

Before to study about what is erosion velocity we need to study about what is erosion, how it occurs, the most important factor for erosion, how erosion and velocity are related.

### Difference between erosion and corrosion

Erosion and corrosion both are the process which damage the pipe. but there is very big difference in between them. Difference is very easy to understand. Erosion is a physical process i which pipe is get damaged due to some physical factors like excess of velocity, particles in liquid and bubbling of liquid.

Corrosion is a process i which pipe is get damaged due to the chemical compatibility. As like erosion here there are o physical factors which damage the pipe. Here pipe is get damaged only because chemical which corrode the pipe. So to avoid the corrosion we need to choose the correct material of construction ( i. e. MOC of pipe) as per material compatibly chart at the required pressure and temperature and as per compassion or purity of fluid.

## **Erosion Velocity ?**

**The velocity at which erosion occurs**

**How erosion velocity is important ?**

**How to avoid erosion ?**