

Applications, Benefits, & Use

Electricity Generation. Steam generators are used to produce electricity at both nuclear and fossil fuel power plants.

Heating. Steam is widely used in industry for heating a variety of materials. Heating applications

Human Health and Environmental Effects

Human Health

Steam can cause serious burns. High pressure steam (above 15 psig) can be especially dangerous, since it is even hotter than low pressure steam.

Exposure Potential and Risk Mitigation Measures

Exposure Potential

Steam is transported as a pressurized gas, most often in pipelines.

Risk Mitigation Measures

Steam is transported by pipeline, so exposure to direct consumers is not anticipated.