

## **Innovative Product Provides Safe Alternative For Energy Infrastructure Company**

**Product:** Square steam valve covers

**Customer:** Energy Utility and Steam Distribution Companies

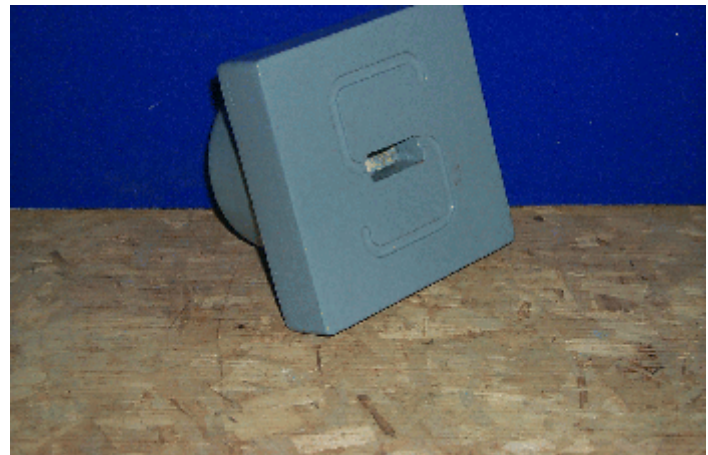
**Application:** Used outside of buildings to turn steam lines off.

**Background:** A pedestrian was burned by a cast iron steam valve cover. The cast iron steam valve covers were corroded to the point of not being able to be lifted up by the pick holes. Industrial Fiberglass Specialties then created a one piece engineered composite design to protect pedestrians from burns.

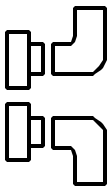
**Method and Materials of Construction:** The square steam valve covers are a one piece design, engineered into a solid composite that met the requirements specified by the customer. An engraved S to signify steam valve cover was used so that workers can immediately identify the product.

**The Challenges:** Making a one piece engineered composite design was difficult to create at first. Additionally, it was difficult to create intricate pick holes fit to the customer's standards.

The original design, a cast iron valve cover, corroded away after a period of time and made using the pick holes extremely difficult.



*It is innovation that sets us apart!*



## ***Industrial Fiberglass Specialties, Inc.***

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## **Case History**

### ***Industrial Fiberglass “Covers” Energy Infrastructure***

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**Customer Benefits:** The square steam valve covers are able to withstand a point load of over 6,000 lbs in the process of separating the top from the bottom. The steam valve covers are able to withstand 400 degrees F on the bottom while maintaining 140 degrees F on the top.



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