

## What is stick welding?

Stick welding, also known as Shielded Metal Arc Welding (SMAW), is a type of welding process that uses a consumable electrode coated in a flux to lay the weld. This process is commonly used in construction and maintenance work due to its versatility and ability to be used in various positions. The flux coating on the electrode melts during the welding process, creating a shield of gas and slag to protect the weld from atmospheric contamination. It's a widely used and accessible welding method suitable for outdoor and windy conditions. Stick welding can be used to weld iron, steel, aluminum, and other alloys.

An M3 Power Group welder stick welding some large bore re-heat piping at a power plant in Utah.





An example of a finished stick welded pipe joint.

