

# **WELDING**

The process of joining similar metals by the application of heat is called welding.

## **Classification of welding process:**

- ✓ Fusion welding
- ✓ Plastic welding

# Fusion welding

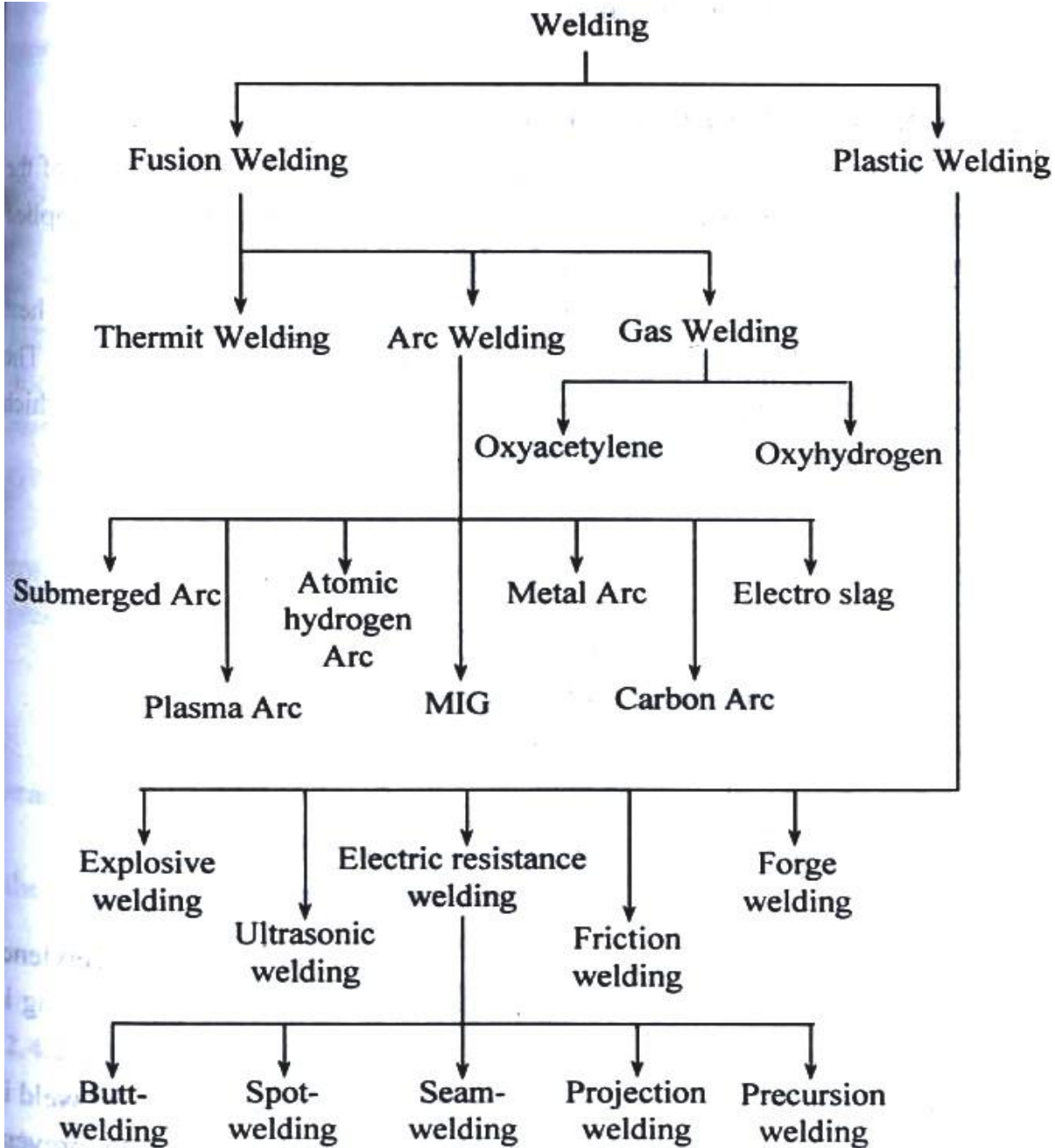
In fusion welding, the metal at the joint is heated to a molten state and then it is allowed to solidify. Pressure is not applied during the welding process and hence it is also called as non- pressure welding.

E.g : gas welding, Arc welding, Thermit welding

# Plastic welding

In plastic welding, the metals parts are heated to a plastic state and are **pressed together to make the joint**. Hence, it is also known as **pressure welding**.

E.g : Electric resistance welding, Forge welding



## Types Of Welding