

Q 2.3

Welding flux & its function?

Welding flux is a combination of carbonates and silicate materials used in welding process to shield the weld from atmospheric gases, when the heat of the weld zone reaches the flux, the flux melts & outgases. The gases produced push the atmospheric gas back, preventing oxidation.

* Advantages of welding

- 1) Permanent joint
- 2) 100% strength
- 3) Leak proof
- 4) No change in cross-sectional area
- 5) High load carrying capacity
- 6) Possibility to alter joint properties
- 7) Lighter assembly.