

Q4 - What do you mean by Underwater welding? Describe the wet underwater welding. How are stability. Could. be improved.

Ans - Underwater welding is the process of welding at elevated pressures, normally. Underwater, Underwater welding can either take place wet in the water itself or dry inside a specially constructed positive pressure enclosure, hence a dry environment.

Wet Underwater welding - WUW directly exposes the diver and electrode to the water and surrounding element. Divers usually around 300-400 amps of direct current to power their electrode.

The wet underwater welding is faced with several problems and one main problem is that it is difficult to maintain the arc-stability. It is found that an organic coating over the normal electrode improves the arc stability.