

Underwater welding

The first ever underwater welding work carried out by British Admiralty Dockyard for sealing of leaked ~~prop~~ ~~ship~~ rivets below the water line.

Problems Encountered in Underwater welding

In underwater welding, the process is same as that of on the surface except that there are:

- (a) Chilling action of water on the weld metal and the surrounding plate.
- (b) A higher pressure due to the water head which welding takes place.

An essential requirement for underwater welding is the complete insulation of the welding circuit.

Even the electrical coatings are protected by a layer of wax, varnish or cellulose.