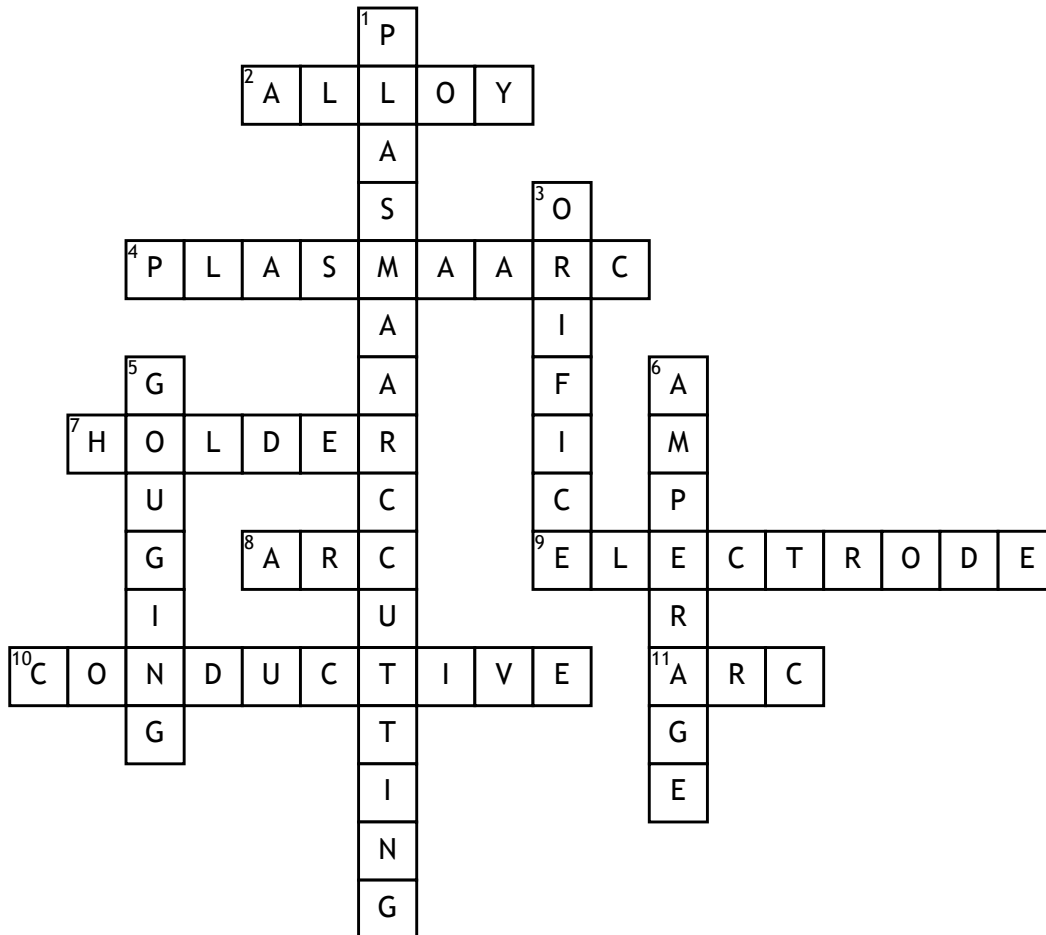


# Plasma Arc Cutting



**Across**

- 2. metal which is created by combining two or more metallic elements
- 4. result of ionizing gas with an electrical current which can cut through most conductive alloys
- 7. filler metal through which current is conducted between the electrode
- 8. sustained luminous discharge of electricity across a gap in a circuit
- 9. and the arc
- 10. substance which transmits electrical charges

**Down**

- 1. process of cutting metal by using a torch which blows gas out of a nozzle at a very high speed and temperature
- 3. hole at the end of a torch tip which allows the passage of gas supply or air
- 5. removal of an old weld or imperfections in the work piece
- 6. measures the flow of electricity; equivalent to current or heat