

Welding Theory – 1069-01 – Notes

Welding Defects:

Porosity: is imperfections caused by contaminations, i.e., bubbles.

- Is caused by atmospheric contamination
- Foreign contamination
 - o Grease
 - o Oils
 - o Plating
 - o Rust
 - o Paint

Rolled Welds: Is when the weld rolls over itself.

- Is caused by speed problems. (to slow)
- Wire feed speed
- Wrong work angle

Undercut: Is when the wire goes too deep into the metal by the toe.

- Is caused by speed (way too slow/too hot)
- Wire feed speed (too insufficient)
- Work angles

Spatter: is the little pieces of metal that shoots away from the arc.

- Inductance imbalance
- Voltage settings
- Wire feed speed

Slag inclusions: Is when you end up welding foreign pieces into the weld.

Arc strikes: are sending an electrical current through somewhere that wasn't meant to be welded.

Incomplete fusion: Is when the weld isn't completely fused to your base metal.

Improper leg lengths: Is when the length of the leg we weld is not to the specifications given.

Inductance changes the rate at which the wire collapses into a weld

Burn back is a setting you can change in the welding machine.

Blind's Nest: A bird's nest is when the wire tangles up inside of the machine. This is one of the causes for the wire not coming out of the tip.

Welding Theory Nquestion Papers

Marcel A. Müller



Welding Theory Nquestion Papers:

Welding Theory Nquestion Papers Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has be apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Welding Theory Nquestion Papers**," published by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we shall delve into the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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web use the solubility curve to answer these questions determine how much potassium nitrate will dissolve in 20 g of water at 40 c 200 cm³ of saturated lead ii nitrate solution was prepared at a temperature of 90 c

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