



Effect Of The Electrode Shape On Weld Pool Parameters Of Carbon Steel

By Amini Najafabadi, Reza / Eshraghi, Mahmoud

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | A result of the change in the shape of the tungsten electrode in the welding of tungsten arc welding | The shape of the arc was studied as a result of the change in the shape of the tungsten electrode in the welding of tungsten arc welding on carbon steel. Then, the changes in the weld metal due to electric arc change were studied. Hardness, metallography, bending and tensile tests and X-ray diffraction tests were carried out in a tungsten-electrode-welded sample compared to conventional tip-shaped tungsten electrodes. Electric arc shooting took place in two states. The arc images confirm the change in arc shape. The results showed that there is no change in the metallographic structures and the results of X-ray diffraction, as well as the significant change in the hardness of the welded specimens by the use of a tungsten electrode in comparison with the sharp electrode. The results of bending tests and tensile tests are approved in accordance with AWS D1.1 standard. The grain size number is about 10 in both samples and there is no significant difference between the samples. Due to the lack of changes in structures, it...



READ ONLINE
[7.13 MB]

Reviews

A must buy book if you need to adding benefit. We have study and so i am sure that i am going to likely to study once again again in the foreseeable future. I realized this book from my i and dad encouraged this ebook to discover.

-- **Duane Fadel**

This ebook is fantastic. It is probably the most awesome book i actually have read. I found out this ebook from my i and dad suggested this book to understand.

-- **Ethel Mills**

See Also



Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.



Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved and previously accessible...



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved and previously accessible only...



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



Barabbas Goes Free: The Story of the Release of Barabbas Matthew 27:15-26, Mark 15:6-15, Luke 23:13-25, and John 18:20 for Children

Paperback. Book Condition: New.