

Arc Welding Processes 120

This class provides an overview of several types of welding and the basic process, equipment and materials used in each one. As in most industry systems, the method used is determined by the product, the purpose and the work environment.

To complete the writing assignments in this course, follow the specific directions of your instructor. Usually, you will be directed to type your final report, single spaced, in a Word document, and submit the file electronically to be graded. All submissions should include a stacked, four-line personal heading in the top left corner, which includes your full name, course name, report number, and full date.

Paragraphs do not need to be indented, but there should be a double space between paragraphs. The final draft should be written with complete sentences and carefully edited to correct errors in spelling, grammar, and punctuation/capital letter use. Reports should be at least 200 words long, unless otherwise directed.

Writing Assignment

In a five-paragraph report, summarize the *advantages* of each of the four main welding processes discussed— SMAW, GMAW, FCAW and GTAW. Compose a separate paragraph for each type. In the fifth paragraph, discuss which of the four methods you would be the most interested in learning, and why.

Writing tips

Capital letters are used to help readers understand the writer's message. Note the four acronyms, which stand for the four main types of welding processes, are written in capital letters. Each letter stands for a word, such as SMAW stands for Shielded Metal Arc Welding. Other common uses of capital letters are days of the week, months, exact names of people, products, and businesses, and the personal pronoun I.



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