

# **Learning Strategy of SMAW Welding Practice: Case Study in Yogyakarta Vocational High School**

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## **ABSTRACT**

The Learning Strategy of SMAW Welding Practice is an essential element in supporting the achievement of student competencies. The Learning Strategy of SMAW Welding Practice significantly impacts the production of competent graduates, especially in the welding engineering expertise program, according to the needs of the world of work. However, the fact is that many students whose welding results are still below industry standards, and many students do not pass the competency certification. Therefore, this problem is interesting to explore more deeply how SMAW practices learning strategies in Vocational High School. The research method used is a single case study. Researchers collected data through in-depth interviews obtained through ten informants from Vocational High School. The results of the study show that the SMAW practical learning strategy requires (1) a teaching and learning model, (2) intensive assistance from mentors/teachers, (3) duration of practice, and (4) self-evaluation by students. These four points are the key to practical SMAW learning in achieving student competence.

Kata Kunci: *Learning strategies, SMAW welding, practice*