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# PELAKSANAAN PERSIJILAN KIMPALAN 3G SMAW SKKP

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## **Abstract**

*This study discusses the importance of the welding competency program for final-year students of the Department of Mechanical Engineering, Politeknik Mukah, Sarawak. The welding competency field is offered to students who are interested in continuing their careers in related industries. Programs like this are beneficial to both educational institutions and industries, but they are also advantageous to the participants themselves because they save time, effort, and cost for the individuals involved. Based on the findings, more than 90% of participants who completed this program secured employment within less than a month after finishing the program. The skills and certification acquired through this program have become a valuable asset for candidates, as it allows employers to find skilled workers easily. The welding competency program in Politeknik Mukah significantly prepares the students for the work fields, particularly in fields requiring specialized technical skills. It benefits both the students, by enhancing their employability, and the industry, by providing a steady stream of skilled workers. This kind of program not only aligns with the needs of the labor market but also contributes to the broader goal of bridging the gap between academic training and industry requirements.*

**Keywords : CIDB; Jabatan Kejuruteraan Mekanikal, Shielded Metal Arc Welding (SMAW) 3G; Sijil Kompetensi Kemahiran Pembinaan (SKKP)**

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