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SIRIM STANDARDS TECHNOLOGY (SIRIM SST)

# WELDING MACHINE CALIBRATION

In order to guarantee long term performance of welding equipment, users need to calibrate them on a regular basis. For companies working with welding technology, it is essential to deliver consistent welding results meeting their customer expectation.

SIRIM Standards Technology (SIRIM SST) offers in-lab and on-site calibration for welding machines. In addition, SIRIM SST provides validation services for load bank machine for all types of welding power sources in compliance with BS EN 50504:2008.

## WE CALIBRATE THE FOLLOWING EQUIPMENT:

- MIG / MAG Machines
- TIG AC/DC Machines
- Multi Process Power Sources
- MMA Stick Welding Power Sources
- Wire feed speed measurement

## VALIDATION ACCURACY – STANDARD GRADE

Analogue meter  
 $\pm 2.5\%$  of full deflection

Digital meter  
 $\pm 2.5\%$  of max rated output amps  
or max open circuit volts



## MEASUREMENT CAPABILITY

Max current	1000A
Max peak Current (5sec)	1100A @ 44V
Voltage Range AC/DC	99.9V (120V peak)
Accuracy	$\pm 0.5\% \pm 1$ digit
Fine tuning	Fine tuning switch ( 5 steps )
Type of instrument	<ul style="list-style-type: none"><li>• MIG/MAG Machines</li><li>• TIG AC/DC Machines</li><li>• Multi Process Power Sources</li><li>• Wire Feed speed measurement</li></ul>

For more information, contact us as: +603-55109066 or [calibrationsst@sirim.my](mailto:calibrationsst@sirim.my)

### FOR FURTHER INFORMATION

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