



BLACK BELT CERTIFICATION

I hereby certify that:

Ryan Jeff N. Otucan

has completed a 120-hour training on advanced topics related to Six Sigma and Lean Manufacturing at a Black Belt level and has satisfactorily demonstrated proficiency in this body of knowledge being approved in the final test.

A handwritten signature in white ink, appearing to read "M. Machado", is positioned above the certifier's name.

Prof. Dr. Marcelo Machado Fernandes

Lean Six Sigma Master Black Belt

ASQ Certified MBB – 65316044

Minitab Certified Trainer



29/09/2025