



BLACK BELT CERTIFICATION

I hereby certify that:

ALEX NJUGUNA

*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 stylized, handwritten signature in white ink, appearing to read "Machado", is positioned above the name of the certifier.

Prof. Dr. Marcelo Machado Fernandes

Lean Six Sigma Master Black Belt

ASQ Certified MBB – 65316044

Minitab Certified Trainer



07/01/2025