



BLACK BELT CERTIFICATION

I hereby certify that:

Danica Ana Talan Liwanag

*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, belonging to Prof. Dr. Marcelo Machado Fernandes, is positioned above his name.

Prof. Dr. Marcelo Machado Fernandes

Lean Six Sigma Master Black Belt

ASQ Certified MBB – 65316044

Minitab Certified Trainer



20/05/2025