



BLACK BELT CERTIFICATION

I hereby certify that:

Joy Catherine Lopez

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.

Prof. Dr. Marcelo Machado Fernandes

Lean Six Sigma Master Black Belt

ASQ Certified MBB – 65316044

Minitab Certified Trainer



04/04/2026