



# MASTER BLACK BELT CERTIFICATION

*I hereby certify that:*

**Marcelo Machado Fernandes**

*has completed a 180-hour training, fully covering the MF-OPEX topics for Six Sigma and Lean Manufacturing at a White, Yellow, Green, Black and Master Black Belt levels satisfactorily demonstrating mastery in this body of knowledge with approval in all five certification tests in this learning journey.*

**Prof. Dr. Marcelo Machado Fernandes**

Lean Six Sigma Master Black Belt

ASQ Certified MBB – 65316044

Minitab Certified Trainer

04/11/2025

