



# BLACK BELT CERTIFICATION

*I hereby certify that:*

**Ayanda Portia Mkhize**

*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.

**Prof. Dr. Marcelo Machado Fernandes**

*Lean Six Sigma Master Black Belt*

*ASQ Certified MBB – 65316044*

*Minitab Certified Trainer*



12/12/2024