



**UNIVERSIDAD NACIONAL DE INGENIERIA**

**College of Geological, Mining and Metallurgical Engineering  
Metallurgical Engineering Program**

## **CERTIFICATE**

Through this document it is certified that:

**Mr.**

**JOHN DONAL POLO BLAS**

**With Student Code: 20130396F**

Has met all the requirements to be awarded the degree of:

**BACHELOR of SCIENCES in METALLURGICAL ENGINEERING**

**This certificate is issued for all relevant purposes.**

Lima, September 23, 2019



  
M.Sc. Ing. Jose A. Corimanya Mauricio  
Dean



  
Dr. Ing. Santiago Valverde Espinoza  
Program Chair