

### Federative Republic of Brazil Hamilton Moura Ribeiro

Tradutor e Intérprete Público – Inglês/Português Certified Public Translator and Interpreter – English/Portuguese Registration JUCEC TIP – 0410511 | CPF/TIN 391.452.123-68 | RG/ID 2017168610-6

Translation No. 464/2021 - Page 01/02

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I, the undersigned, a sworn Translator in and for this State, registered at the Trade Board of Ceará under # 0410511, hereby DECLARE to have received a document written in Portuguese for the translation into ENGLISH, which I did faithfully, to the best of my ability, as follows:

### Federative Republic of Brazil UNIVERSIDADE FEDERAL DE MINAS GERAIS FEDERAL UNIVERSITY OF MINAS GERAIS

The President of the Federal University of Minas Gerais,
Professor Sandra Regina Goulart Almeida,
by the powers vested in her, confers upon
Lucas Assunção de Almeida

the Doctor's Degree in Production Engineering,
area of concentration Operational Research and Intervention in Sociotechnical Systems,
and awards him the present Diploma, in accordance with the current legislation.

Belo Horizonte, October 05, 2020.

Illegible signature President

Graduate

(Stamp of the Federal University of Minas Gerais.)

[back]

GRADUATE: LUCAS ASSUNÇÃO DE ALMEIDA

Date of birth: April 18, 1988

Place of birth: Ceará Nationality: Brazilian

ID No. 2006009046739/CE

### MINISTRY OF EDUCATION UNIVERSIDADE FEDERAL DE MINAS GERAIS FEDERAL UNIVERSITY OF MINAS GERAIS

Registration made in accordance with Law No. 9.394/96 of 12/20/1996 – Article 48 – Paragraph One.





### Federative Republic of Brazil Hamilton Moura Ribeiro

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Number 98/243 | Book RD.2020/1 Process No. 2020/11.00019 Belo Horizonte, November 09, 2020.

Illegible signature Luciana Moreira de Avelar Head of the Division of Diploma Registration

Illegible signature Maria Inez Corrêa de Souza Pires Head of the Department of Academic Registration and Control

Dissertation Defense Date: August 19, 2019.

Graduate Studies Program in Production Engineering, Doctor's Degree Level

Accreditation ratified by CNE/Federal Board of Education (Directive No. 609, of March 14, 2019, published on the D.O.U./Federal Official Gazette of 03/18/2019, Section 1, pages 63-164)

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Diploma Issuance Section/PRPG-Office of the Dean for Graduate Studies

### **APOSTILLE**

Leandro Xavier Rapini | Vice-Director | Siape 1908779 signs the present diploma as Director of the Department of Registration and Academic Control

The original document contained nothing further. I certify that the above is a true, faithful, and unabridged rendering into English of the original Portuguese version. In witness whereof, I set my hand and seal, on the date and in the city mentioned below.

Fortaleza/CE, October 11, 2021.

Fees: R\$ 75.00 (BRL)

HAMILTON MOURA RIBEIRO TRADUTOR E INTÉRPRETE PÚBLICO CERTIFIED PUBLIC TRANSLATOR AND INTERPRETER ENGLISH/PORTUGUESE - REGISTRATION JUCEC TIP - 0410511 TRANSLATION No. 464/2021

BOOK No. 39

PAGES No. 294, 295

Hamilton Moura Ribeiro Certified Public Translator and Interpreter - English Portuguese

Registration JUCECTP 041 CPF/TIN: 391,452,123-68

### República Federativa do Brasil UNIVERSIDADE FEDERAL DE MINAS GERAIS

A Reitora da Universidade Federal de Minas Gerais, Professora Sandra Regina Goulart Almeida, no uso de suas atribuições, confere a

# Lucas Assunção de Almeida

o grau de Doutor em Engenharia de Produção,

área de concentração Pesquisa Operacional e Intervenção em Sistemas Sociotécnicos

e outorga-lhe o presente diploma, nos termos da legislação vigente.

Rubeiro

Belo Horizonte, 5 de outubro de 2020.

Lundhuda

Reitora

Diplomado



## DIPLOMADO: LUCAS ASSUNÇÃO DE ALMEIDA

Data de Nascimento: 18 de abril de 1988

Naturalidade: Ceará

Nacionalidade: Brasileira

Documento de Identidade: 2006009046739/CE

MINISTERIO DA EDUCAÇÃO

UNIVERSIDADE FEDERAL DE MINAS GERAIS

Registro efetuado nos tormos da

Lei Nº 9.394/96 do 20/12/1996 -- Artigo 48 -- Parágrafo 1º

Número

Proc. n°

AD 20/14/1000/19

Helo Horizonte, O9 nOVE mbro 20020

Helo Horizonte, O9 nOVE mbro 20020

Mara Inez Corta de Avelar

Dertora do Departamento de Registro e Cambrole Acadêmico

APOSTILA
Arsina o presente diploma como Diretor do
Deparamento de Registro e Controle Acadimica o
Leandro Xavier Rapini
Vice-Diretor / Signon 1808779

Data da defesa: 19 de agosto de 2019.

Curso de Pós-Graduação em Engenharia de Produção, nível Doutorado

Reconhecimento homologado pelo CNE (Portaria nº 609, de 14 de março de 2019, publicada no D.O.U. de 18/03/2019, Seção 1, Págs. 63-164).

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Setor de Expedição de Diplomas/PRPG

