Instituto Tecnológico y de Estudios Superiores de Monterrey

Campus Monterrey

School of Engineering and Sciences

The committee members, hereby, certify that have read the thesis presented by José Gustavo Anaya Aranda and that is fully adequate in scope and quality as a partial requirement for the degree of Master of Science in Manufacturing Systems,

Dr. Horacio Ahuett Garza Tecnológico de Monterrey School of Engineering and Sciences Principal Advisor MEng. Pedro Antonio Orta Castañon Tecnológico de Monterrey Committee Member



1 0 DIC 2019

Dirección Nacional de Posgrado Dr. Rubén Morales Menéndez Dr. Pedro Daniel Urbina Coronado Tecnológico de Monterrey Committee Member

Dr. Ruben Morales Menéndez Dean of Graduate Studies School of Engineering and Sciences

Monterrey Nuevo León, December 10, 2019