

I, hereby, declare that I am the only author of the project report with title:

**BASIC AND DETAIL ENGINEERING OF THE CATENARY SYSTEM DUE
TO TRACK SWITCHES RENEWAL**

which has been submitted to ICAI School of Engineering of Comillas Pontifical University in the academic year 2018/19. This project is original, has not been submitted before for any other purpose and has not been copied from any other source either fully or partially. All information sources used have been rightly acknowledged.

Fdo.: Ignacio Castellón Sánchez

Date: 08/07/2019

I authorize the submission of this project

Fdo.: Joaquín Ramos Rodríguez

Date: 08/07/2019