

This is to acknowledge that

*Daniel Felipe Vale*

*Roadrunner Engenharia, Ltda.*

is a certified

# FWD Calibration Center Operator

and demonstrated proficiency in the calibration of falling weight deflectometers  
in accordance with AASHTO R 32 on the 18<sup>th</sup> of September, 2019

**Expires on the 18<sup>th</sup> of November, 2021**



AASHTO Executive Director



Chair, AASHTO Highway  
Subcommittee on Materials