

This is to acknowledge that

*Daniel Felipe Vale*

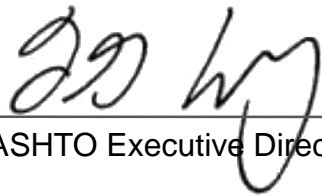
*Roadrunner Engenharia Ltda*

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 11<sup>th</sup> of July, 2018

**Expires on the 11<sup>th</sup> of August, 2019**



AASHTO Executive Director



Chair, AASHTO Highway  
Subcommittee on Materials