



# CALIFORNIA DEPARTMENT OF TRANSPORTATION

TL-0111: TECHNICIAN CERTIFICATION

In conformance with the Caltrans Independent Assurance (IA) Manual,  
IA Staff presents this certificate to:

**Emmanuel Liwag**

Technician ID: 03790

Certified test methods: **CT = Caltrans : AA = AASHTO : AS = ASTM : \* JTCP Test Method**

Unofficial Copy

Date issued: 04/30/2026

IA Staff name

IA Number

Signature

Note: This certificate is valid provided that the technician complies with applicable requirements of the Caltrans Independent Assurance Manual. Please verify technician certifications and laboratory associations by visiting the SIAD website at <https://sia.dot.ca.gov/>