



## Testing of road safety devices

Applus IDIADA KARCO is an ISO/IEC 17025:2017 accredited test laboratory specializing in the testing of roadside safety hardware and perimeter security barriers. With over 18 years of experience in this type of testing, we have a qualified staff of technical experts to oversee all aspects of testing and reporting of the results.

Our facility is located in Southern California and our location in the high desert allows us to test year-round. Our multiple tracks and large open areas for testing makes us capable of testing large installations as necessary in order to meet regulation requirements.

### Testing capabilities

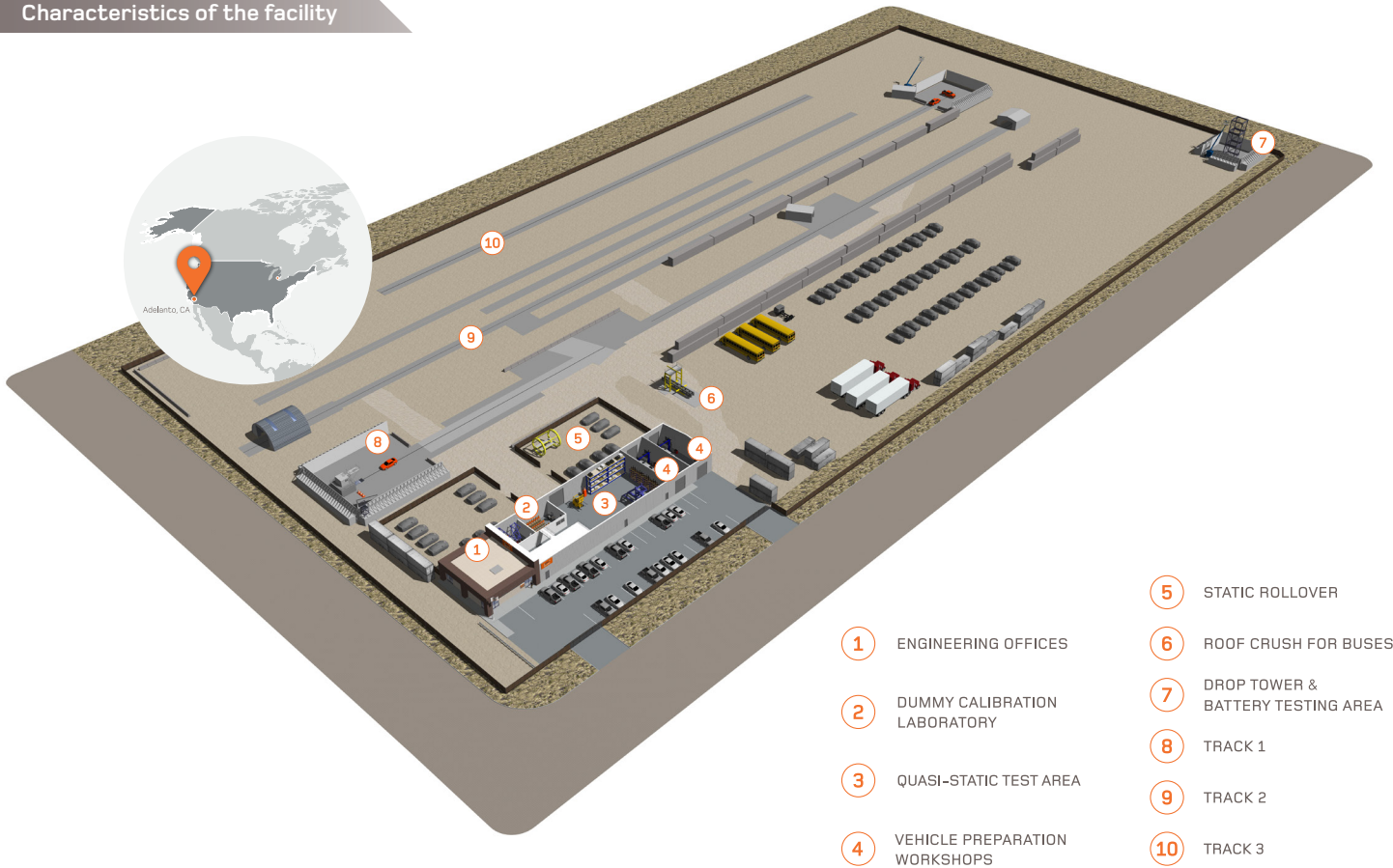
Applus IDIADA has invested in the best technical resources and infrastructure to ensure efficiency, flexibility and reliability in the testing of roadside safety devices and security barriers.

#### Types of tests:

- UNE-EN 1317: Testing of road restraints systems
- Manual for Assessing Safety Hardware (MASH)
- ASTM F2656-20 Standard Test Method for Crash Testing of Security Barriers



## Characteristics of the facility




- Multiple tracks available for testing, allowing up to 4 simultaneous installations for testing
- 4:1 V-ditch available for use as specified in MASH for cable barrier testing
- Capacity to test up to MASH TL-4 designation
- Capability to run multiple tests per day
- Abundant equipment available for development / research data collection beyond regulation requirements
- Steel fabricating shop and welding capability on site for modifications to products during development phase

## Engineering services

- Developmental testing
- Full scale crash testing:
  - Installation of all hardware (soil or concrete based)
  - Full matrix testing (MASH & EN1317)
  - Results and data reporting
  - Submittal of results to governing organization

### CONTACT INFORMATION

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