



SOTERIA CO LLC



ISABELLA LODE, P.E.

Senior System Engineer

39 Years of Experience

Education

Isabella holds a B.Sc. in Mechanical Engineering from California Polytechnic State University.

Summary of Abilities

Isabella has 39 years of experience in the transit industry, with 29 years of experience in systems engineering and requirements management on projects around the world. She has five years of experience with Soteria, where her emphasis has been on safety certification and requirement compliance.

Areas of Expertise

- Safety Certification
- System Engineering
- Requirements Management

- Reliability and Maintainability
- EN50128 and EN50129

Registrations & Certifications

- State of California Licensed Engineer

Selected Current & Recent Projects

- Currently facilitating the development and verification process for the LA Metro Portal Widening and Turnback Facility, Los Angeles, California
- Safety certification manager for Southeast Corridor, Denver, Colorado
- Currently facilitating the development and verification process of the construction and testing checklists for the LAX Automatic People Mover Project, Los Angeles, California
- Requirement management specialist for on-board display for vehicle supplier
- Currently preparing the System Integration Testing Project Plan and Certification Checklist for the SBCTA West Valley Connector Bus Rapid Transit Project, San Bernardino, California
- System engineer over a

new software package in various countries in Europe, coordinating activities with project engineering and assessment teams

- Prepared Preliminary Hazard Analysis (PHA) and Threat and Vulnerability Assessment (TVA) for the Central Corridor Light Rail Project, Minneapolis, Minnesota

Employment

- Bombardier Transportation
- AECOM
- Parsons Transportation Group
- Booz Allen & Hamilton
- Parsons Brinckerhoff

