



ACE INDUSTRIES

RUNWAY SURVEY

PRECISION RUNWAY FOR OPTIMUM CRANE PERFORMANCE

Our Runway Survey Program provides the detailed information you need to identify potential misalignment issues, ensuring that your overhead crane systems, whether top-running or underhung, operate safely and efficiently.

We use optical theodolites, laser distance meter total stations, and traditional measurement methods to ensure accuracy. With our specialized equipment and skilled team, we accurately identify misalignments and wear on your runways. The detailed report you receive will help you plan maintenance, adjustments, and replacements, ensuring your crane system's optimal performance, longevity, and increased productivity by minimizing downtime.

WHY A RUNWAY SURVEY IS CRUCIAL

- ★ Identifies and addresses misalignments, wear, clearance issues, or damage to critical components
- ★ Prevents skewed travel, crane jams, and pinching
- ★ Prior to installing a crane, a runway survey ensures correct alignment, proper elevation & precise span
- ★ Reduces risks of costly and dangerous derailments
- ★ Maintains compliance with CMAA industry standards for runway alignment and elevation
- ★ Identifies potential issues before they cause failures

WHY CHOOSE ACE INDUSTRIES

- ✓ **Advanced Equipment**
Precise measurements with cutting-edge surveying tools operated by trained specialists.
- ✓ **Proven Success**
A track record of successful runway surveys across various industries.
- ✓ **Skilled Engineers and Technicians**
Our knowledgeable crew has the necessary training and experience to deliver an extensive, precise, and complete runway survey.
- ✓ **In-Depth Reports**
Specialized analysis and precise, actionable recommendations.
- ✓ **Efficient Service**
Timely, professional, and thorough processes.
- ✓ **Thorough Runway Survey & Inspection**
Our iCube Field Service Mobile Device ensures thorough runway inspections.

OUR COMPREHENSIVE RUNWAY SURVEY

✓ Comprehensive Survey

Our comprehensive runway survey involves checking lateral and vertical alignment, measuring elevations, span, and rail deviation, and evaluating side clearance for optimal performance. This thorough assessment ensures proper alignment, correct elevations, and rail deviations that could affect functionality. Evaluating side clearance ensures safe and efficient operation, enhancing the overall performance and safety of the runway system.



✓ Advancement Equipment

Ace Industries' comprehensive runway survey uses optical theodolites, laser distance meter total stations, and traditional measurement methods for reliability. This blend of advanced technology and proven techniques ensures precise and dependable results.

✓ Thorough Data Collection

Our survey includes inspecting runway sides, beam locations, and rail centers, collecting vertical alignment and elevation data, and measuring bridge crane spans accurately.

✓ Crane Span Verification

Crane Span Verification involves documenting field measurements or collaborating with manufacturers for accurate data, ensuring precise assessments. Through meticulous documentation and manufacturer cooperation, it upholds standards of accuracy and reliability.

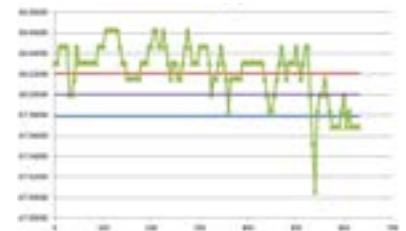
✓ Industry Standards Compliance & Detailed Survey

Industry Standards Compliance adheres to CMAA Specifications #70 and #74. The Detailed Survey Report provides analysis of span straightness, elevation, and rail placement.

SPECIALIZED FEATURES IN DETAILED REPORT

- ★ General arrangement layout and technical description
- ★ Visual and periodic inspection reports
- ★ Corrective actions proposal for alignment, elevation or span issues
- ★ Crane path verification for obstruction-free operation

Runway Span Results



Position on Runway (Feet)

Detect. Diagnose. Deliver.

Comprehensive Runway Surveys by Ace Industries.
Contact us at (800) 733-2231 to schedule a consultation and discuss our runway survey program that prioritizes safety, CMAA compliance and reliability.

aceindustries.com | (800) 733 - 2231

Scan QR code for more information

