

# ENGINEERING SERVICES



AllTranstek is the industry leader for fleet management services and tank car technical expertise. AllTranstek manages over 275,000 railcars of all types for some of North America's largest companies.

AllTranstek technical services group provides technical and operational support to the rail equipment supply chain, including field inspections, engineering, regulatory compliance, NDT Level III, NDT training, and welding support.

AllTranstek strategic services group offers a 360° view of the rail supply chain by providing clients with market research, analytics, forecasting, and strategic consulting services.

**Our integrity is more than structural, it is fundamental.** We guide tank car owners through the complicated regulatory and certification processes. We strive to identify the root cause of tank car component failure and work to prevent future events.

## MAINTENANCE & QUALIFICATION PROCEDURES

## RELIABILITY & INSPECTION INTERVAL ANALYSIS

## REGULATORY COMPLIANCE SUPPORT

## TANK CAR SPECIFICATION REVIEW

# ENGINEERING SERVICES

Our bundle of services ensure tank car owners comply with Federal regulations as per HM-216B.

## WHAT WE DO

### Reliability Analysis & Inspection Interval Support.

Our team has the technical expertise and data analytics skills to provide the most thorough and comprehensive reliability and interval analysis and inspection interval support in the industry.

- Structural integrity
- Tank shell thickness
- Coatings and linings
- Service equipment
- Car components
- Valves

### Maintenance & Qualification Procedures.

Our numerous procedures and forms, crafted over years of hands-on experience, are used as a standard by many car owners and repair facilities across North America.

- Tank car inspection
- Coatings and linings inspection
- Service equipment inspection

### Tank Car Specification Review.

We assess car specifications for clients' new car builds and offer design guidance and insight related to new rail equipment investments. We can ensure that our customers select the right car for the right commodity, working with shippers to acquire the appropriate car specification for their traffic.

### Regulatory Compliance Support.

Tougher federal regulations and new qualification requirements pose regulatory compliance challenges for the industry and car owners. Our compliance support assists car owners.

- FRA one-time movement approvals (OTMA)
- Transport Canada temporary certificates
- Non-accident release (NAR) reduction support
- Failure root cause analysis

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