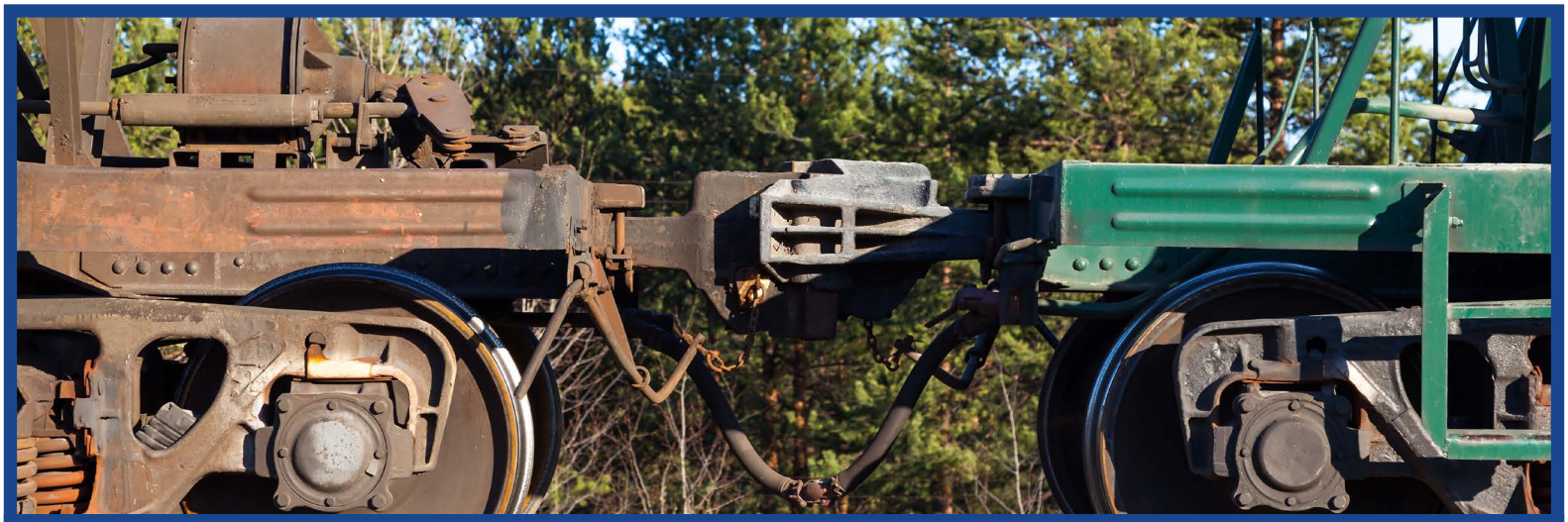

# RAIL AIR BRAKE TESTING EQUIPMENT

## PRODUCT: AccuSense™ Model ASL

### APPLICATION DETAILS:

The customer is an internationally recognized railway brake technology company, with a primary focus on ensuring braking integrity through their brake testing devices. They manufacture some braking devices for special purposes but are primarily interested in T&M for ensuring braking integrity. They designed and manufactured Automatic Single Car Test Devices (ASCTD) as required by various Governmental and Railway authorities.

### CUSTOMER PROBLEM:

***New requirements placed on customer's devices***

The customer's test devices face strict regulation from both Governmental and Railway authorities, causing frequent design and manufacturing adjustments. The Rail Safety Improvement Act of 2008 (RSIA) require that by 2015 the positive train control (PTC) systems, which automatically stops or slows a train before an accident occurs, be installed on all tracks that carry passengers or toxic-by-inhalation (TIH) materials. As a result of RSIA, the customer had to find a sensor that could fit the current device's design and meet demanding quality requirements.

### SETRA STRENGTHS

- High accuracy +/-0.07%
- Low differential pressure ranges
- High over-pressure capability
- Unidirectional & bidirectional types
- Low thermal error

### SETRA SOLUTION:

Setra provided the customer with the AccuSense™ Model ASL, which yields a small footprint, allowing for configurability into the customer's testing equipment design. The Model ASL is calibrated for use within a wide temperature operating range, making it compatible with all regions where their devices could be located. Setra's sensor is a solution for the customer that is affordable, yet doesn't compromise on quality or reliability.


### WHY SETRA WON:

***Provided a sensor to meet new RSIA requirements***

Setra was able to provide the customer with the Model ASL to meet the new RSIA requirements. Since passenger and cargo safety was the main concern, the Model ASL gave them reassurance of high accuracy and performance.

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