Tripper car positioning is critical for mineral processing, mining, agriculture, food, forestry, and coal power plants. Laser transmitters have been steadily replacing proximity switches.

Measurement made easy
**ABB solution**
Combined with its accessories, the laser from ABB is designed for harsh dusty environments. In this installation, the purge ring and dust tube combination work together to create positive pressure displacement inside of the dust tube. This mitigates any dust from collecting inside the tube or on the lens of the laser emitter. This transmitter also has HART 7 functionality in addition to a simple programmable interface which the client can see locally or in the control room.

**Conclusion**
The client has been very impressed with the reliability and ease of use with the new technology. This is attributed to the advanced algorithms as well as design with the end user in mind.

The customer has stated, “So far so good. It's working as expected. No issues that we see.”

Contact ABB to learn more or to schedule an in-person demonstration.