

**TSI received notice that US Department of Transportation (DOT) hazardous materials regulations were impacting molten sulphur rail tank cars. TSI worked with shippers and customers to develop guidelines to improve procedures to prevent future spills and better identify when a car with spills requires cleaning.**

### Assessment

- TSI analyzed recent situations and ongoing concerns. The North American Transportation Regulations and Logistics Working Group held member discussion forums.

### Development

- TSI created an Industry Action Plan which was presented to US DOT. Spill sources and associated safety hazards were identified and a guidance document was developed and distributed to members.

### Distribution

- TSI proposed amendments to the Pipeline and Hazardous Materials Safety Administration. These amendments were adopted and reference the guidance document.

### Value to Member

- Increased efficiency while reducing cleaning costs (up to several thousand US\$ dollars/car plus lost service time) and potential for citations and associated fines (up to US\$25,000/defect).
- Opportunity to participate in the development of guidance document.
- Avoided negative public perceptions of sulphur industry

### Value to Industry

- Increased efficiency while reducing cleaning costs (up to several thousand US\$ dollars/car plus lost service time) and potential for citations and associated fines (up to US\$25,000/defect).
- Avoided negative public perceptions of sulphur industry