



**ABTREX
INDUSTRIES, INC.**

MISSION-CRITICAL PERFORMANCE, ANYWHERE IN THE WORLD



SITUATION

In 2016 Abtrex Industries contracted with a leading U.S. railcar manufacturer to rubber-line 623 railcars in Świdnica, Poland, for a Middle Eastern national railway operator. The cars were designed to transport phosphoric acid for a major Middle Eastern mining and fertilizer operations.

The railway operator required work to be done in an Association of American Railroads (AAR) certified shop, and Abtrex's Cleveland, Texas facility was uniquely qualified. Executing the project overseas brought challenges, new country, new regulations, a foreign language, and a building not designed for railcar lining operations.



623 Railcars

Rubber-lined to stringent AAR standards



Custom Engineered

Work platforms designed, shipped, and assembled overseas



Workforce Transition

From U.S. to trained Polish crews



Global Supply Chain

Coordinated ensuring timely access to equipment and materials



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www.abtrex.com

Scan to watch
railcar lining
process

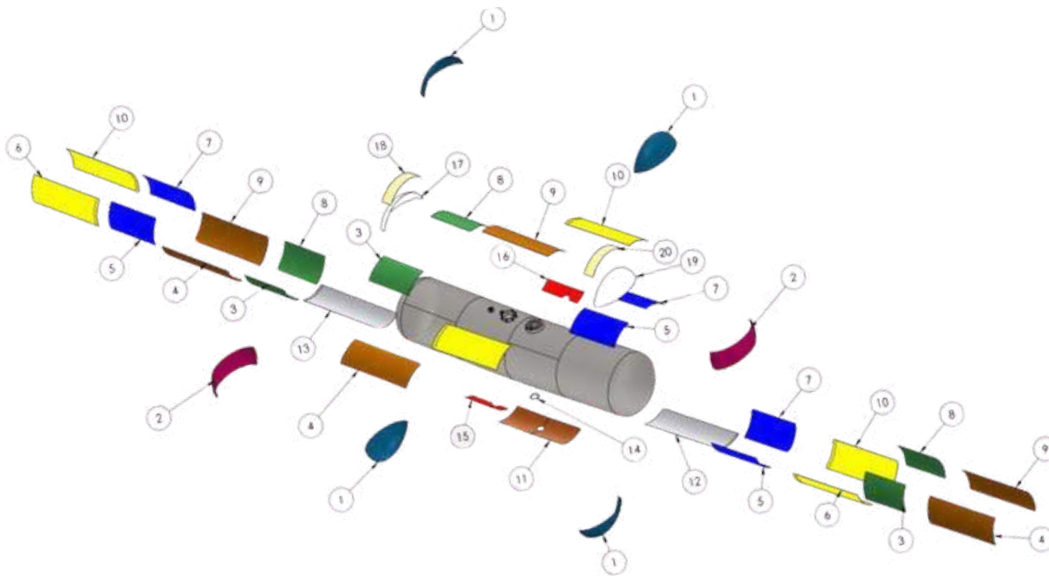




SOLUTIONS

Abtrex's Cleveland shop, as a self-certifying entity, trained and certified twelve employees for the Poland crew to AAR standards. A team of U.S. experts launched the project, later reducing to two specialists for ongoing support after transitioning responsibilities to local crews.

Custom engineering addressed facility challenges, including low ceiling clearance. Engineers designed modular platforms in the U.S., shipped them in containers, and reassembled them onsite with custom stairways and elevated walkways. Rubber prep was performed at ground level, with material hoisted to platforms due to space limits. Abtrex also coordinated procurement of equipment and chemicals from the U.S., rubber materials from Canada, and local contractors to fill gaps.



Digital Rubber Pieces Layout

To optimize the lining process and accurately determine the required rubber quantity, a digital layout was created showing each piece and its installation sequence

Need a proven partner to protect your equipment and keep operations running stronger, longer, and more efficiently? Connect with Abtrex and let's get it done.



800-959-0125

