

Buildings

Cost Assumption Study for Freudenberg for a new industrial plant in Bursa



Client Freudenberg Sealant Technologies Turkey

Work Period 01.04.2014 - 01.05.2014

Services provided Cost assumption study

Technical Details The project consists of cost assumption study for Freudenberg for a new industrial plant in Bursa. The Freudenberg Group is a German family-owned diversified group of companies whose products include housewares and cleaning products, automobile parts, textiles, building materials, and telecommunications. Its headquarters are in Weinheim, Baden-Württemberg, and it has production facilities and markets in Europe, Asia, Africa, Australia, and the United States. Freudenberg Sealing Technologies is a member of the group employs 13000 personnel and mainly deals with radial shaft seals, diaphragms, precision moldings, bellows, dust caps, hydraulic accumulators, O - rings, seals for hydraulic and pneumatic, frame gaskets, silicone seals, shock absorber seals, valve stem seals, special seals, brake components.



SAFETY AND RELIABILITY

Safe and reliable operation is imperative to the growth of the railway industry. From our fabric reinforced diaphragms to our innovative valve components, we cover almost every application.

BRAKE COILARS

To meet the ongoing regulatory demands in brake systems, reliable sealing solutions are required. We address these challenges with innovative materials that withstand temperatures as low as -50°C (-75°F) and adhere to necessary standards.



DIAPHRAGMS

We have the expert engineering and materials expertise to provide the high performance diaphragms your brake system demands. To extend diaphragm life and keep the elements cool, look to our high performance, fabric-reinforced diaphragms for your next project.



VALVE COMPONENTS

When stopping is the most critical thing to do look to Freudenberg valve components for your brake system. Produced with the latest in advanced materials, our valve components are comprised of aluminum, porous steel, brass, or plastic, coupled with high performance elastomers.



D-JACK SEALS

The Freudenberg D-Jack seal is a friction optimized seal for all dry-lubricated piston applications. A variety of possible geometries provides for great design flexibility. These smaller engine seals deliver very low friction, low permeation, and very low breakaway torque.



MAINTENANCE

Due to the budgetary constraints of governmental agencies and private companies, total life-cycle cost is critical in railway maintenance. By offering our customers longer component life, we help reduce maintenance costs.

BELLOWS

Offering over 430 different standard sizes along with custom designs, we provide the latest in advanced materials for ultimate safety, extreme temperatures, and protection against the elements.



ENCODERS

Compact design and component integration provides exceptional bearing and seal sealing packages. Because of our technology integration, our encoders allow for the reduction of parts, simpler installation, and less service.



O-RINGS

Freudenberg O-rings feature materials for the most demanding applications. Whether your project calls for an O-ring to handle low temperatures, or a special polymer O-ring for high temperatures, Freudenberg Sealing Technologies is your source.



SHIMMERING®

Freudenberg delivers sophisticated technology providing cost-effective sealing solutions for your application. Shimmering seal is resistant to harsh chemical environments and temperature extremes and delivers exceptional durability over time.

