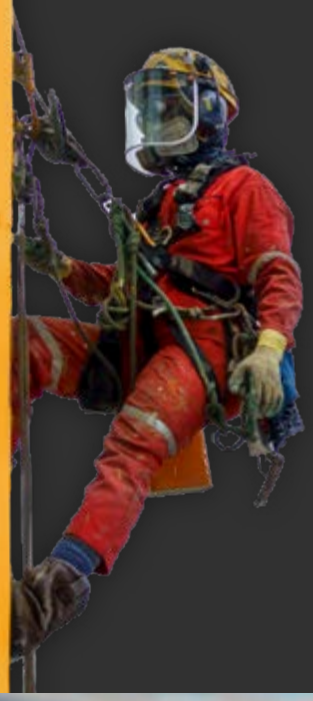
SAFELY DOES IT

Can you rely on your components safety standards? At Parker, safety comes first, along with all of it's benefits.



Our safety philosophy

Safety is Parker's number one priority and is a core value that all team members share. Many Parker sites are certified to the new management system standard ISO 45001 embedding occupational health and safety management into the core business functions.

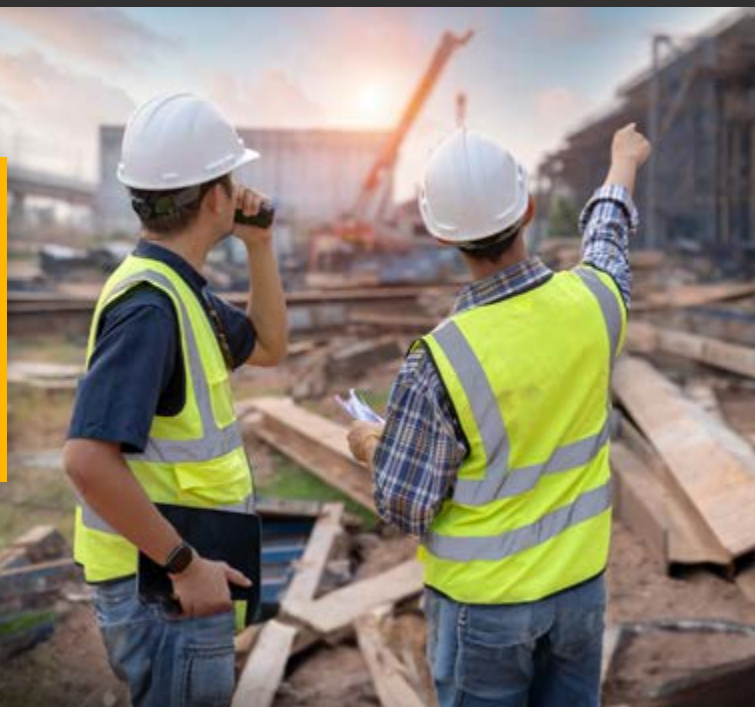
We support customers to protect their people, machinery and components and ensure end users are protected from any hazards that result from products manufactured.

How does safety affect other aspects of your business?

- Reduces lost time
- Increased financial benefits
- Efficient assets (eg through planned preventive maintenance).
- Reduced risk of financial penalties
- Improve productivity
- Reduce absenteeism
- Protects company image & reputation
- Enhance competitive advantage in contract bidding
- Reduce workers turnover

Poor safety practice can lead to:

- Absenteeism and staff turnover with higher labour-related costs
- Insurance premiums, financial penalties
- Breakdown and damage to assets and properties and associated costs
- Inefficiencies



Importance of product certifications and complying with industry standards:

Reliability:

Industry-certified components are designed and tested to meet specific quality and performance standards. This ensures that they function reliably under demanding operating conditions, reducing the risk of malfunctions or failures.

Compatibility:

Certified components undergo rigorous testing to ensure compatibility with other system components. This compatibility leads to a seamless integration within the manufacturing process and reduces the chances of compatibility-related issues.

Safety:

Certified components are tested to meet safety regulations and standards set by regulatory authorities. Using these components helps manufacturers maintain a safe working environment, protecting both their employees and end-users from potential hazards.

Performance:

Industry-certified components are optimized for performance. They are designed to deliver consistent and efficient performance, enhancing the overall functionality and effectiveness of the manufactured products.

Safety implications of using non-tested alternatives:

Malfunction:

Non-tested alternatives may not function as expected or may have design flaws that compromise their performance. This can lead to equipment malfunction, resulting in accidents or injuries.

Durability:

Durability: Non-tested alternatives often lack the durability and strength required for industrial applications. They may deteriorate quickly, leading to frequent breakdowns and potentially hazardous situations.

Compliance:

Non-tested components may not meet the necessary industry regulations and standards. Using such components can result in legal issues, limited market access, and a tarnished reputation for manufacturers.

Risk to Personnel:

Poor-quality components can pose a significant risk to the operators and maintenance personnel. These components may fail unexpectedly, leading to injuries or even fatalities.

Steer-by-Wire systems for enhanced safety

Discover how a Steer-by-Wire system where the hydromechanical connection between the steering wheel and the steering cylinders is substituted with electronics enhances operator and machine safety.

VIEW WHITE PAPER →

DESIGNING FOR SAFETY

Your partner from design to aftermarket

The construction environment is inherently hazardous, with risks ranging from machinery malfunctions to accidents due to environmental conditions. To mitigate these risks, OEMs should look for certain safety features in the components and systems they integrate into their machinery. By partnering with Parker we can help you significantly reduce the risks during the design stage and subsequent use and maintenance.

Here are some critical safety features to consider that Parker can assist you with:

* Robust Design and Materials
* Hydraulic and Pneumatic Safety
* Electrical Safety
* Control System Reliability
* Ergonomics and User Safety
* Environmental Safety

PARKER | YOUR PARTNERS IN ENGINEERING SOLUTIONS