SERVICE BRIEF

Spare Parts Program

Why Choose ABEC?

ABEC has a qualified and developed network of vendors within the biotech industry for sourcing spare parts and process components. ABEC's comprehensive global structure gives us capability to qualify and supply spare parts and components from any supplier in the biotech industry for both ABEC and non-ABEC equipment. Each spare parts kit is customized to the equipment / skid.

Our service and spare parts department has over 45 years of biopharm industry knowledge ensuring customers receive the correct solution. We supply the parts, tools, and knowledge to fulfill your needs with our 24/7 one-on-one customer care support team.

ABEC is a one stop solution for all your spare parts including optional onsite installation and technical expertise for unidentified or obsolete parts.



ABOVE: Controlled Inventory System



ABOVE: Fittings and Gaskets

Benefits

- Higher uptime and productivity
- 100% quality/validation assurance
- Lower spares management costs
- Guaranteed fit, form, and function

Unique features

- 24/7 one-on-one customer care support team
- Technical expertise for unidentified or obsolete parts
- Customized spare parts kits
- ABEC quality assurance inspects and reviews all items and documentation
- All ABEC parts orders are assembled, packaged, and labeled for easy organized, handling and inventory maintenance
- Additional one-year ABEC warranty on applicable purchased items

Spare Parts Program

Replenishment of spare parts upon usage is essential to reduce the risk of unplanned downtime. ABEC can customize any spare part kit to fit customer's specific needs and processes. Any kit can be re-ordered through a unique service kit number assigned at the time of order. Each kit is in full compliance with industry documentation requirements

Capital / Critical Spares

Vital components not likely to fail but may significantly impact the operation upon failure.
Items typically included:

- Gearbox shaft matched sets
- Seal housing
- Impeller shaft assemblies
- Spargers
- Transmitters
- Control valves
- Safety relief valves
- Gauges
- Pumps
- Mass flow controllers

Preventative Maintenance (PM) Spares

Complete change-out of elastomers and product-contact components and rebuilt kits for various components.
Items typically included:

- Gaskets
- O-rings
- Diaphragms
- Valve repair kits
- Filter elements
- Agitator seals

Start-Up/Commissioning Spares

Components that could potentially be damaged during start-up testing.
Items typically included:

- Diaphragms
- Filters
- Rupture disks & sensors
- Fuses
- Gaskets
- Clamps

Operating Spares

Components that could potentially fail during normal operation.
Items typically included:

- Valve & Regulator repair kits
- Probes
- Sensors
- Pump seals
- Power supplies
- Diaphragm & Actuators
- Check valves
- Filters
- Steam traps
- Agitator seals
- Manway gaskets
- Rupture disks
- Rotary seals



RIGHT: Customer Specific Kitting