

# Why Spare Parts?

## Reasons for Spare Parts

If you just bought a new high performance sports car, you are likely to never think about the spare tire and the need for it. But without that simple component your investment comes to a complete halt. The same logic applies to valves and how they protect and serve some of the most essential processes in a Power Plant, Refinery or Off Shore platform. It only makes sense to have spare parts available to avoid those unforeseen times.

### Simple Rules to remember:

1. During start-up, have the OEM recommended commissioning and start-up spares on hand.
2. Plan ahead to avoid unplanned downtime which can cost millions in lost production and rush charges.
3. Trust only OEM parts. There are alternatives but nothing matches the design and performance intent which the OEM created. Be smart and use OEM parts. The alternative might cost you safety, or a plant shutdown.



## Commissioning or Start-up Spares

Commissioning or Start-up spares are used as a plant is constructed or expanded to protect vital assets. Debris, such as trash and weld slag, accumulate in lines and can damage expensive internals of a valve.

It's a small investment that buys a powerful result. The cost of commissioning spares is a fraction of the cost of the investment. They also reduce the potential for damage to critical valve internals and help ensure valves will deliver optimal performance including tight shutoff, accurate response and safety relief.

Not only are you protecting your investment, but also avoiding costly and time-consuming plant re-starts.

**Left:** A plant did not opt to protect their investment with commissioning spares. Weld rod material was caught in some highly engineered trim parts shutting the plant down and delaying start-up. By making the right choice, this nightmare could have been easily avoided and saved the end user a lot of time and money.



## Be Prepared - Invest in OEM Spares

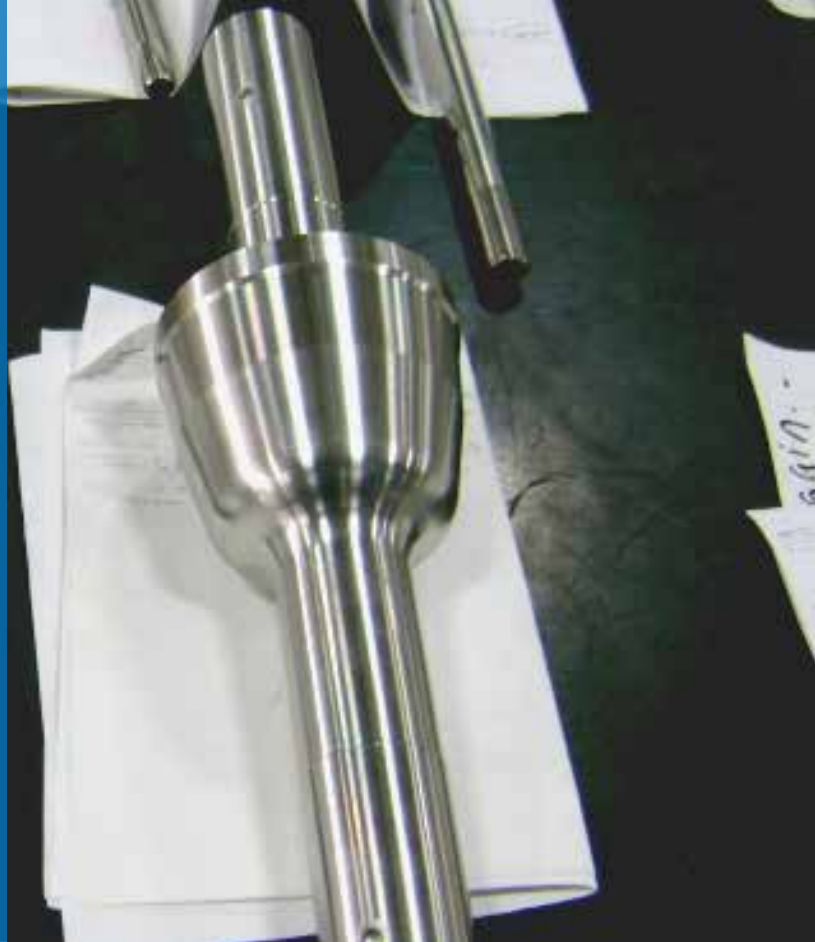
A famous quote is “be prepared” and it certainly applies with valves.

No matter how much care is taken to execute a planning cycle or predictive maintenance, the unexpected will happen, hence Murphy’s Law.

Valves experience damage due to a variety of process and environmental issues.

Don’t be caught in a repair situation without the correct part—especially if the valve is plant operation critical. Based on the application a part may be designed or a coating applied to meet the application and no matter how quick the delivery, it is never fast enough when your plant is down.

Without the right parts on the shelf, a plant could easily be faced with millions of dollars of lost production and huge expediting fees.



## Trust OEM Parts

### Sophisticated Parts for Tough Applications

GE parts are designed and built for tough applications and subjected to a strenuous testing regime to ensure years of reliability.

### Look-a-Likes Don’t Equal OEM Parts

You would not trust your health to a non-certified doctor so why trust your investment with non-certified parts. Insist on OEM parts and breath easily that you are in control. There is no way that a third party can know the intent of the OEM in a part design, so why risk it. And in safety environments it is unlawful to use anything but an OEM part for this exact reason.

### Engineered for Quality

The name GE resonates with quality. How a part is made is not a guessing game. The OEM is the only one that knows the exact specifications in terms of materials, processes, and coatings which will ensure a design intent and lasting quality.