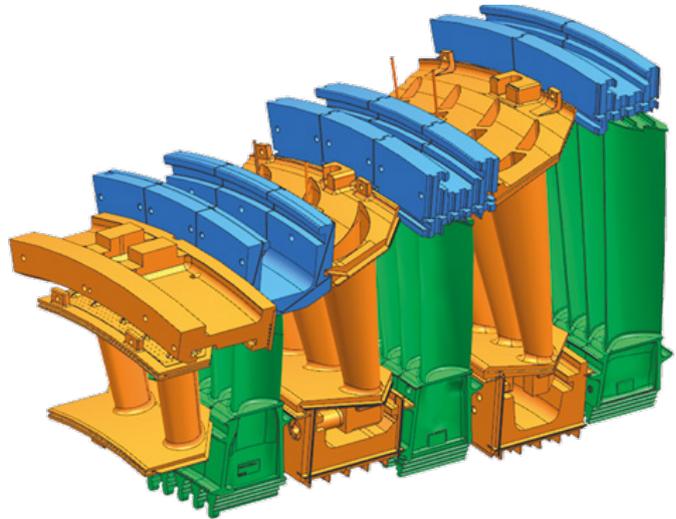


New parts manufacturing equivalent to GE MS9001E

Sulzer provides design and manufacturing of new gas turbine components in both hot and cold sections. We focus on lifetime extension and performance improvement of your equipment. By using the latest available design and repair technology, we are able to supply components of highest quality and often with improvements over the original. We provide better components at lower cost.



New parts manufacturing

The manufacture of new parts equivalent to GE MS9001E components suitable for installation into PG9171E gas turbines can be divided into three main areas:

- Capital parts
- Combustion components
- Consumables

Capital parts

The capital parts have always been regarded as the highest risk components to manufacture. At Sulzer, the entire design and manufacturing process is reviewed with our customers to supply tailor-made components to meet and suit customer specific requirements.

The capital parts supplied for GE MS9001E gas turbines are:

- Compressor blades
- Compressor vanes
- Inlet guide vanes
- Turbine diaphragms
- Turbine shroud blocks
- Turbine buckets
- Turbine nozzles

Combustion components

Combustion components are mainly fabricated from thin sheet metal. The production process is highly specialized and complex due to the critical fitting tolerances. The ability to manufacture to the required quality is vital if the component is to fit with no on-site modifications. The use of fitting jigs and preforms is integral to the manufacturing process.

The new combustion components supplied for GE MS9001E gas turbines are:

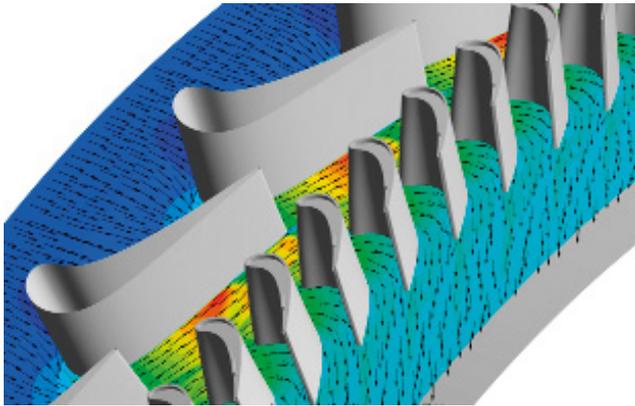
- Combustion liners
- Cross fire tubes
- Cross fire tube retainers
- Transition pieces
- Fuel nozzles
- Flow sleeves
- Bull horns

Consumables

For the maintenance of any turbine, the fitting of consumables is equally important as the high-value capital parts like buckets and nozzles. At Sulzer, we therefore devote the same level of care and attention to these components as to the manufacture of any other parts.

GE equivalent

	Buckets	Nozzles	Shrouds	Combustion	Remarks
MS9001 E	✓	✓	✓	✓	Firing temperature up to 1'124°C (2'055°F)



Services

- Component refurbishment
- Lifetime extension
- Field service
- New parts manufacturing
- Training programs
- Rotor overhaul and refurbishment
- Long-term service agreements
- Condition monitoring
- Turbine controls
- Engineering support



Sulzer Turbo Services Venlo B.V.
Spikweien 36
NL-5943 AD Lomm, The Netherlands
Phone +31 (0)77 47386 66
Fax +31 (0)77 47327 85
E-mail sulzertsvenlo@sulzer.com

www.sulzer.com

E10257 en 12.2019, Copyright © Sulzer Ltd 2019

This brochure is a general product presentation. It does not provide any warranty or guarantee of any kind. Please, contact us for a description of the warranties and guarantees offered with our products. Directions for use and safety will be given separately. All information herein is subject to change without notice.