



Life Time Extension (LTE) allows GT rotor to extend life over its normal expiration, by means of the evaluation of the real degradation suffered by the rotor's components during its life.

How You Benefit

The LTE approach is applicable to all versions of AE94.2, AE64.3A, AE94.3A and correspondent SGT5-2000E, SGT5-4000F, SGT5-1000F Gas Turbine Models .

All the Owners of power plants equipped with these models of Gas Turbines that are approaching the 100000 EOH or 3000 starts , have the need to perform all the activities necessary to release their equipment for a further lifecycle interval.

The Life Time Extension is also the stage in which is possible to implement hardware upgrade packages in order to keep your assets at the state of the art and maximize his profitability .

A second lifecycle for the GT components is evaluated with a tailored approach, taking into account:

- Unit Operating History (thermo-mechanical cycles)
- Inspection Findings and consequent Actions
- Component-specific conditions (surface finishing, forging flaws, material residual stress)

CUSTOMER BENEFITS

- Safe and reliable operation
- Minimization of strategic spare parts availability
- Reduced Outage Time

TECHNICAL FEATURES

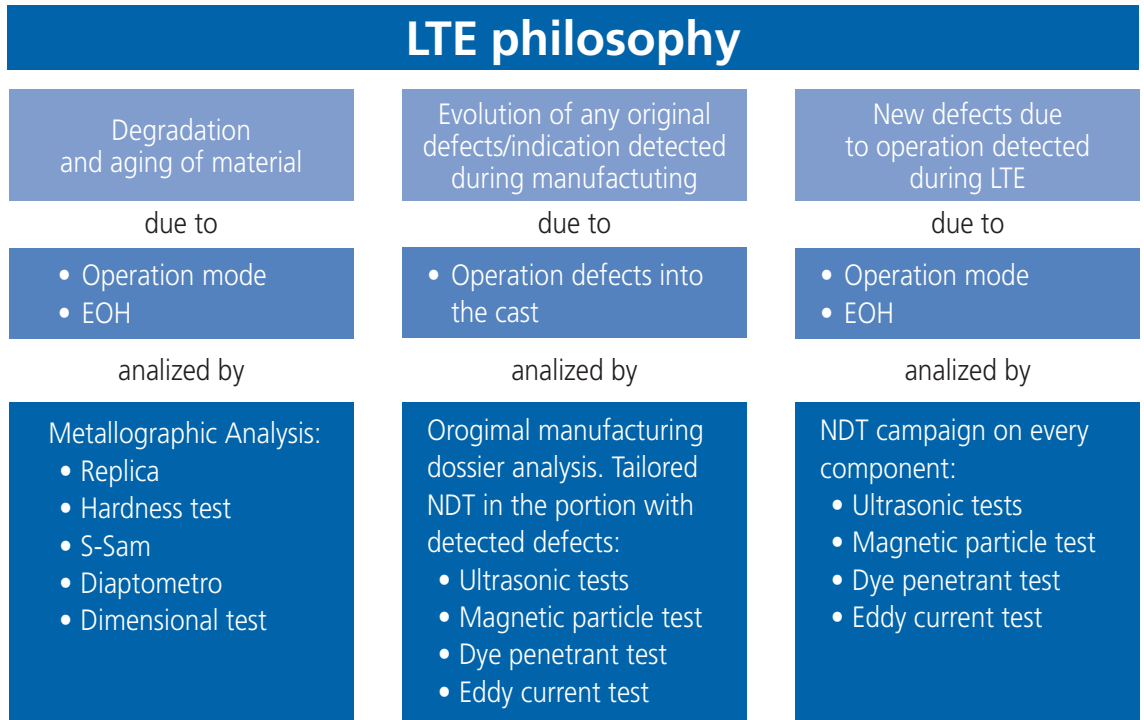
- Customized Non Destructive Test (NDT) plan
- Rotation of strategic components between units
- Upgrade packages



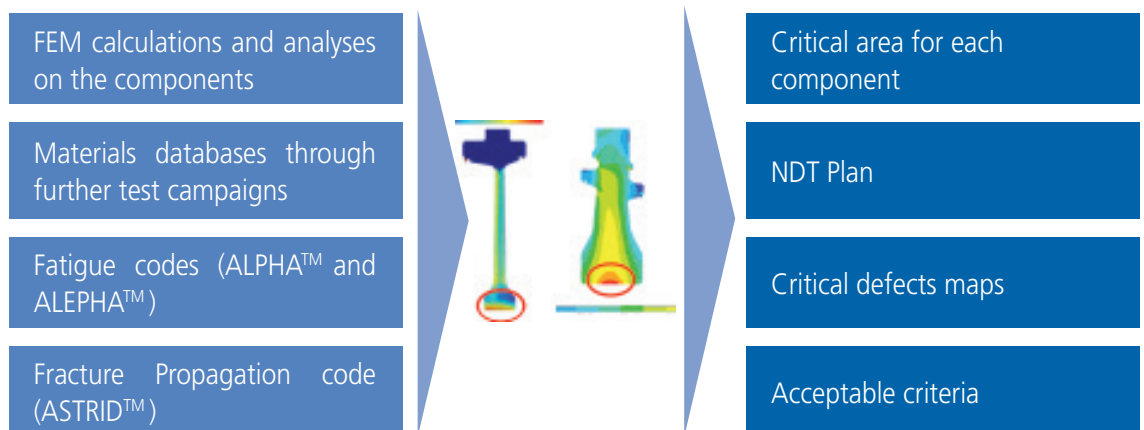


Technical specifications

Fully customized approach



Proprietary codes



For more information and to reach our sales Team, please go to www.ansaldoenergia.com

Ansaldo Energia, all rights reserved. Trademarks mentioned in this document are the property of Ansaldo Energia, its affiliates, or their respective owners in the scope of registration. The information contained in this document is merely indicative. No representation or warranty is provided, nor should be relied on, that such information is complete or correct or will apply to any particular project. This will depend on the technical and commercial circumstances. Said information is provided without liability and is subject to change without notice. Reproduction, use or disclosure to third parties, without express written authority, is strictly prohibited.