



By integrating the best measuring and non-destructive test equipment, Siif carries out the inspection operations specified by the manufacturer downstream of the finishing process.

These operations are performed automatically and ensure:

- 100% of castings are inspected.
- Compliance with the process specified by the manufacturer.
- Clear approval (good casting/bad casting) avoiding misinterpretation.
- Excellent reliability of operations.



Available tests	Defects
Eddy current	Hardness
Ultrasonic	Nodularity, wall thickness, shrink
Resonance frequency	Nodularity
Magnetic particles	Cracks
Die penetrant	Cracks on aluminum
X-ray	Internal defects
Laser	Dimensional testing