

HIGH-SPECIFICATION  
CASTINGS FOR  
FLAMANVILLE 3

# Nuclear

William Cook manufactures ultra high-integrity components for the civil nuclear sector from its headquarters in the north of England.

William Cook's state-of-the-art facilities combined with nearly two centuries of steel casting expertise guarantee the integrity of parts for nuclear environments.

## ACCREDITATIONS AND APPROVALS

- ✓ ISO 9001
- ✓ ISO 14001
- ✓ ISO 45001
- ✓ ISO 19443
- ✓ ISO 17025
- ✓ AMSE Material Organization (pending)
- ✓ Fit4Nuclear

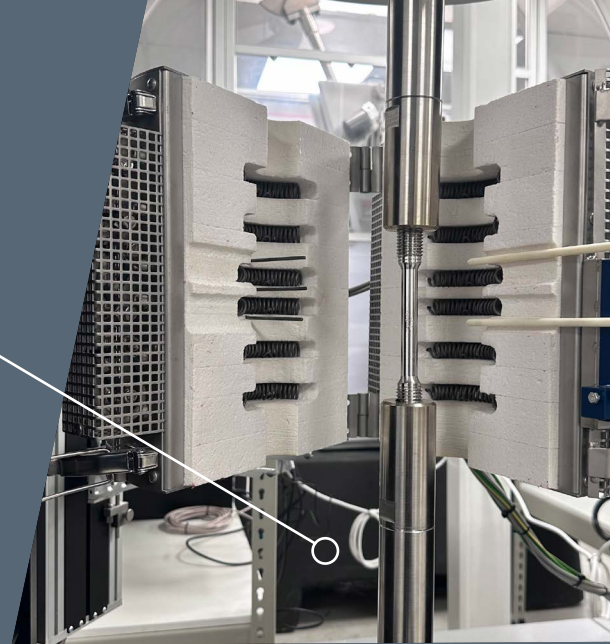




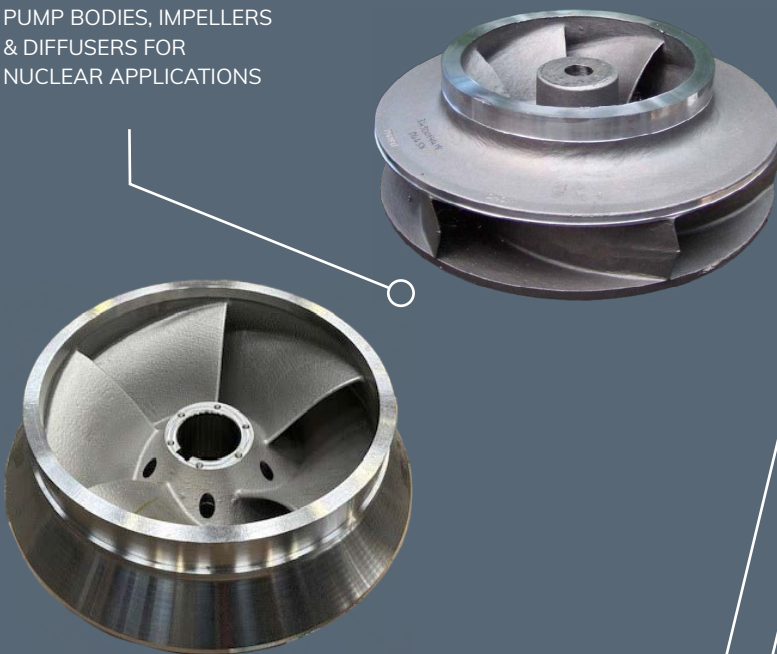
NON-AMBIENT  
TENSILE TESTING

## Nuclear Quality Assurance

- Castings manufactured in accordance with RCC-M and ASME III standards.
- ISO 19443 certified nuclear quality management system.
- ISO 17025 certified laboratory with state-of-the-art equipment.
- Nuclear Safety and CFSI trained workforce.
- Full traceability for every component.



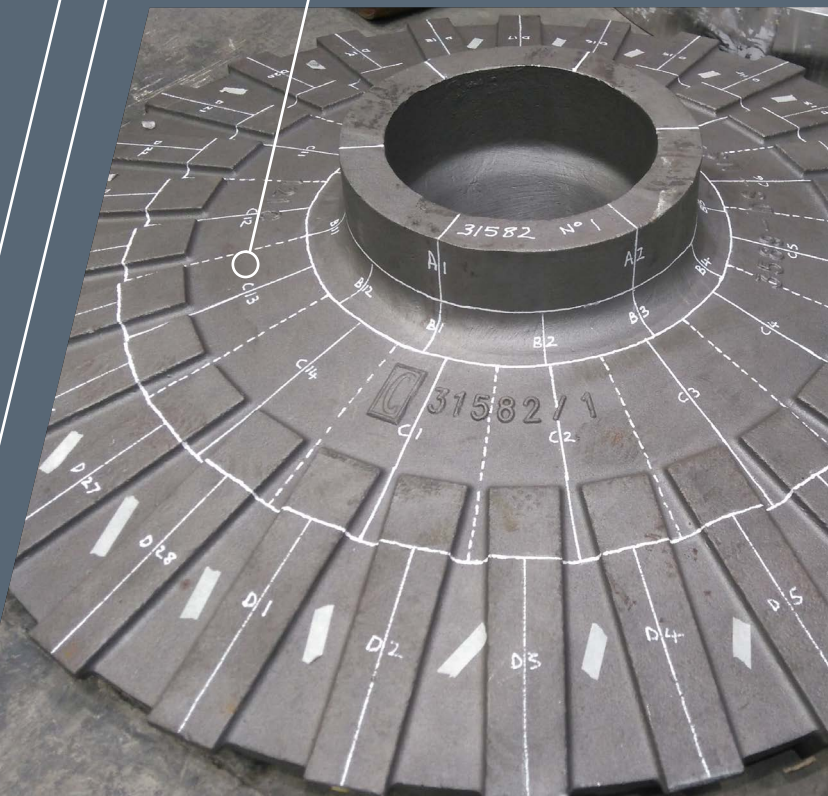
PUMP BODIES, IMPELLERS  
& DIFFUSERS FOR  
NUCLEAR APPLICATIONS



## Capabilities

- Finish-machined castings up to 12,000 kg.
- Sand and lost-wax casting processes.
- Pressure-retaining components for primary and secondary circuits.
- 60+ CNC machining centres, including fully simultaneous 5-axis machining.

COMPONENTS FOR  
HINKLEY POINT C  
WATER INTAKE SYSTEM



## Quality Control

- All non-destructive testing (NDT) techniques.
- Linear accelerator radiography up to 9 MeV.
- 3D scanning and CMM dimensional inspection.

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