



COOK PCC



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Precision Ceramic Cast Impellers and Related Products

Founded in 1947 to exploit an invention known as the Shaw process, Cook Precision Ceramic Castings of Alston, Cumbria (England) has a near-unique expertise in the manufacture of high-precision cast steel impellers for all forms of fluid power application. Discarded by its former owners, in 2025 it was acquired by the internationally recognised cast steel producers William Cook in recognition of its extraordinary skills.

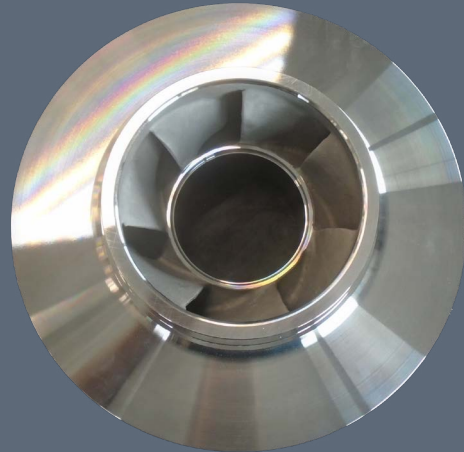
ADVANTAGES OF SHAW PROCESS CASTINGS

- 1 **Dimensional Accuracy** to ISO 8062 Grade CT4-6
- 2 **Short Run Production**
- 3 **Reduced Machining Allowances**
- 4 **High-definition cast surface detail and finish**





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CAPABILITIES

Size / Weight

up to 750mm in diameter and 100 Kgs finished casting

Tolerances

Dimensional accuracy to ISO 8062 Grade CT4 – CT6

Machining allowances maximum of 3mm

Surface Finish

International Standard N8 to N9

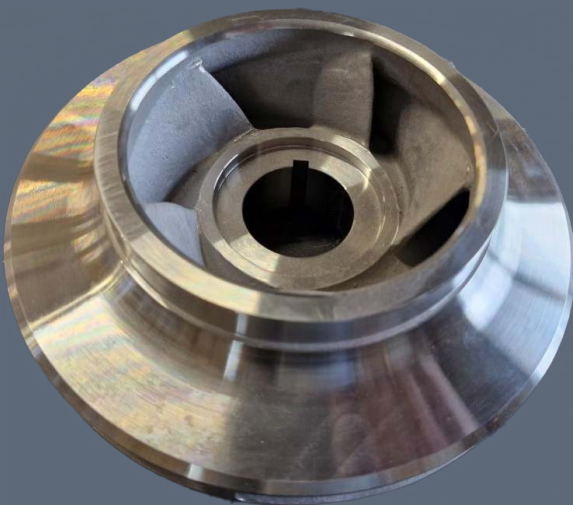
Form of Supply

Pre machined or fully machined

ACCREDITATIONS & APPROVALS

SNT-TC-1A Level II for MPI, DPI and LPI. Radiography at William Cook in-house facilities nearby

- ✓ Quality System - ISO 9001:2015
- ✓ NORSOK M650 with qualification to M630 for Duplex materials to MDS-D46 (ASTM A995 Grade 4A), MDS-D56 (ASTM A995 Grade 5A)



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