

# Certificate of Registration

QUALITY MANAGEMENT SYSTEM - AS9100D AND ISO 9001:2015

This is to certify that:

Howmet Aerospace Corporation  
BU Support  
1500 South Warner Street  
Whitehall  
Michigan  
49461  
USA

Holds Certificate No:

**FM 76284**

and operates a Quality Management System, with a several site certification structure, which complies with the requirements of AS9100D (technically equivalent to EN9100:2018 and JISQ 9100:2016) and ISO 9001:2015 and is assessed in accordance with AS9104/1 for the following scope:

The manufacture of superalloy, titanium and aluminum investment castings for the aerospace, defense and industrial markets. This includes supporting operations for the manufacture of ceramic cores, pattern and gating waxes, ceramic crucibles and related components, superalloy and titanium ingot, thermal protective coatings for castings, Hot Isostatic Pressing, vacuum heat treat, vacuum brazing and welding, metal finishing, machining and laboratory testing services for castings.

For and on behalf of BSI:

Carlos Pitanga, Managing Director Assurance, Americas

Original Registration Date: 2003-07-08

Reissue Date: 2023-03-17

Issue Date: 2021-11-05

Expiry Date: 2024-11-04



aerospace  
sector  
certification  
scheme

Certificate No: **FM 76284**

Location	Registered Activities
Howmet Aerospace Corporation Whitehall Plant 10 3850 White Lake Drive Whitehall Michigan 49461 USA	The Manufacture of Investment-Cast Super Alloy Components Primarily for Turbine Engines Used on Jet Aircraft and in Utility Power Generation.
Howmet Aerospace Corporation Hampton Warehouse 720 Greenlawn Ave Hampton Virginia 23661 USA	Receiving and Metal Control.
Howmet Aerospace Castings & Services Inc. Morristown Compound (M4) 1477 Progress Parkway Morristown Tennessee 37813 USA	Storage of Raw and Compounded Materials. Batching, Mixing, Compounding, and pilling/pelletizing of core materials, for use in production of ceramic cores.
Howmet Aerospace Castings & Services Inc. Hampton Structural One Howmet Drive Hampton Virginia 23661 USA	The manufacture of precision investment castings in Titanium and Super Alloys, primarily for the Aerospace and Defense Markets and including Industrial Gas Turbine Market.
Howmet Aerospace Ciral Tooling Shopfloor Parc d'activités de Châtres la Forêt Evron 53600 France	Evron is a manufacturer of Aluminum Alloy Investment Castings & associated manufacturing tooling for Commercial and Defense Aerospace Applications.

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\* = Central Function

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Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP.

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.

Managed by: BSI Group America Inc., 12950 Worldgate Drive, Suite 800, Herndon, VA 20170-6007 USA +1 703 437 9000

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Location	Registered Activities
Howmet Aerospace Dover Alloy 10 Roy Street Dover New Jersey 07801 USA	Manufacture of Superalloy.
Howmet - Del Rio TX 2022 Cienegas Road Del Rio Texas 78840 USA	The manufacture and assembly of wax kits and finishing/inspection of single crystal seeds to support the production of investment castings for the aerospace industry.
Howmet Aerospace Corporation* BU Support 1500 South Warner Street Whitehall Michigan 49461 USA	Corporate support activities.
Howmet Aerospace Castings & Services Inc. Morristown 5650 Commerce Boulevard Morristown Tennessee 37814 USA	Manufacture of silica and alumina cores used to produce hollow investment castings for applications in commercial and military airframes and engines, and industrial gas turbine engines.
Howmet Aerospace Tempcraft Corporation 3960 South Marginal Road Cleveland Ohio 44114-5096 USA	Manufacture of tooling for the production of investment casting industry. Manufacture and assembly of wax patterns for the investment casting industry.

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Location	Registered Activities
Howmet Aerospace Köfém Ltd. Hungary Verseci u. 1-15 POB 102 Szekesfeherva 8000 Hungary	The post case processing and inspection of castings supplied by Arconic Howmet superalloy foundries to fulfill purchase order requirements for aerospace, industrial gas turbine and commercial markets for direct shipment to the end user customer.
Howmet Aerospace Limited Exeter Alloy Heron Road Sowton Industrial Estate Exeter EX2 7LL United Kingdom	Manufacture of Nickel and Cobalt Based Alloys and Steels. Vacuum Induction Melted Products in Bar Stock, Ingot and Electrode Form.
Howmet Aerospace Corporation HSM/HIP 1600 S. Warner St. Whitehall Michigan 49461-1897 USA	Supplier of Toll Hot Isostatic Pressing Services. Supplier of Encapsulated Powder Metal.
Howmet Aerospace Japan Limited 61-1 Nishi, Ao-machi, Nomi-Shi Ishikawa 923-1101 Japan	The manufacture of investment castings, including turbine components and turbine engine airfoil components and ceramic core for the Commercial and Aerospace Industry.
Howmet Aerospace Ciral S.N.C Evron Route de l'Orgerie Evron 53600 France	Evron is a manufacturer of Aluminum Alloy Investment Castings & associated manufacturing tooling for Commercial and Defense Aerospace Applications.

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Location	Registered Activities
Howmet Aerospace Castings & Services Inc. Winsted 145 Price Road Winsted Connecticut 06095 USA	Machining of Industrial Gas Turbine & Aircraft Engine Components.
Howmet Aerospace Corporation Thermatech 555 Benston Road Whitehall Michigan 49461 USA	The Application of Diffusion Coatings, Metallic and Ceramic Overlay Coatings, Vacuum Brazing, Welding, and Vacuum Heat Treatment of Aerospace and Industrial Turbine Components.
Howmet Aerospace Castings & Services Inc. Dover 9 Roy Street Dover New Jersey 07801 USA	Investment casting of Superalloys for the Aerospace, Industrial Gas Turbine Industry.
Howmet Aerospace de Mexico S de RL de CV Howmet Aerospace Acuna Avenida Hidalgo 120 Parque Industrial Amistad Acuna Coahuila 26220 Mexico	Machining of forged or rolled products. The inspection and finishing of metal castings, preparation of ceramic cores and manufacture of wax shapes used by Arconic Howmet facilities to manufacture aluminum and superalloy products for the aerospace, industrial gas turbine and commercial markets.
Howmet Aerospace Limited Exeter Casting Kestrel Way Sowton Industrial Estate Exeter EX2 7LG United Kingdom	Investment Casting of Nickel and Cobalt Super Alloys and the manufacture of ceramic cores.

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Location	Registered Activities
Howmet Aerospace SAS Gennevillier 68-78 rue du Moulin de Cage P.O. Box 147 Gennevilliers 92231 France	Manufacture of Investment Castings of Super Alloys and Stainless Steel by the Lost Wax Process.
Howmet Aerospace Canada Company Georgetown 93 Mountainview Road North Georgetown Ontario L7G 4J6 Canada	The Manufacture of Aluminum Investment Castings.
Howmet Aerospace Castings & Services Inc. LaPorte Casting 1110 East Lincolnway LaPorte Indiana 46350 USA	The manufacture of investment cast super alloy components primarily for turbine engines used on jet aircraft and in utility power generation.
Howmet Aerospace Canada Company Laval 4001 Autoroute Des Laurentides Laval Québec H7L 3H7 Canada	Manufacture of Aluminum Investment Castings.
Howmet Aerospace SAS Normandy Z.A.C. des Grands Pres Dives sur Mer 14160 France	Manufacture of Investment Castings of Super Alloys by the Lost Wax Process.

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Location	Registered Activities
Howmet Aerospace Corporation Research Center 1500 South Warner Street Whitehall Michigan 49461-1895 USA	Materials Testing Laboratory, Specialty Vacuum and Inert Atmosphere Heat Treatment, Instrument Calibration, Thermocouple Assembly, and Prototype Pattern Manufacturing.
Howmet Aerospace Castings & Services Inc. Hampton - IGT One Howmet Drive Hampton Virginia 23661 USA	The manufacture of precision investment castings in Super Alloys primarily for the Aerospace and Industrial Gas Turbine engine markets.
Howmet Aerospace Corporation Ti-Cast 1600 South Warner Street Whitehall Michigan 49461 USA	The Manufacture of Investment Cast Titanium Components for Aerospace and Defense.
Howmet Aerospace Turbine Components Corporation Branford 4 Commercial Street Branford Connecticut 06405 USA	The Application of Diffusion Coatings, Welding and Vacuum Heat Treatment of Aerospace and Industrial Turbine Components.
Howmet Aerospace Corporation Ti-Ingot 555 Benston Road Whitehall Michigan 49461 USA	Manufacture of Titanium Ingots (Double and Triple-Melt Standard Grade) for Applications in Commercial and Military Aerospace, Chemical Processing, Medical Implants and the Recreational Industry.

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One Misco Drive  
Whitehall  
Michigan  
49461  
USA

The Manufacture of Investment-Cast Super Alloy Components  
Primarily for Turbine Engines Used on Jet Aircraft and in  
Utility Power Generation.

Howmet Aerospace Castings &  
Services Inc.  
Wichita Falls  
6200 Central Freeway North  
Wichita Falls  
Texas  
76305-6605  
USA

The Manufacture of Investment Cast Super Alloy  
Components, Primarily for Turbine Engines used on Jet  
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