

3D METALFORGE FACILITY RECEIVES AMERICAN BUREAU OF SHIPPING WORLD'S FIRST CERTIFICATION FOR 3D PRINTING

Highlights:

- 3D Metalforge's Houston, Texas advanced 3D printing manufacturing facility receives facility and process approval certification by the American Bureau of Shipping (ABS) for the additive production of metal parts.
- This certification represents the World's first commercial additive manufacturing facility certified by ABS.
- Certification opens up the opportunity of supplying additively manufactured parts to the global marine and oil & gas market for parts that require "class approval" prior to installation.
- Certification demonstrates once again 3D Metalforge's commitment to continual improvement, widening growth opportunities in our core sectors and quality assured business practices.

17 AUGUST 2022: 3D Metalforge Limited (ASX: 3MF) ('3D Metalforge' or the 'Company'), is pleased to announce its Houston, Texas manufacturing facility's certification by the American Bureau of Shipping (ABS) for the additive production of metal parts¹.

The Company's Houston facility was opened in the mid-2021 and 3MF is very pleased to be the World's first additive manufacturing facility approved by ABS under their new Additive Manufacturing standard². The certification comes after a rigorous process of site inspection, test sample printing and exhaustive examination of the Company's processes and procedures. This gives a significant competitive advantage to 3MF as the only company certified to supply parts requiring "class approval" to ABS global customer base.

This builds on the successful certification of parts by ABS installed on ConocoPhillips Polar Tanker "Endeavour" and later removed for testing and proven to be performing well³ and the on-going collaboration with ABS on the Maritime Port Authority of Singapore's Joint Industry Program (JIP) 2 program.

1 3DMetalforge ABS Additive Manufacturing Certificate of Facility and Process Approval, Certificate # AM-T2289708ASX

2 <https://ww2.eagle.org/en/innovation-and-technology/technology-advancements/additive-manufacturing.html>

ABS Approved Material Manufacturers Database
<https://www.eagle.org/ABSEaglePrograms/ma/ma-search.jsp>

3 ASX Announcement 24th November 2021

This certification is part of 3D Metalforge's growth strategy of focusing on oil & gas and maritime sectors and building a strong foundation of quality systems, assurance and quality part production. It also builds on 3D Metalforge's Singapore manufacturing facility being already certified by Lloyd's Register⁴ (LR). 3D Metalforge notes that ABS is the 3rd largest global classification society by deadweight tonnes and LR is the 4th largest and combined represent 34% of the worlds shipping gross tonnage requiring classification⁵.

The benefits of this facility and process approval includes increasing the range of customers and parts 3MF can work with to include those that require parts to be "class approved" before installation, it further differentiates 3MF in proposals to potential customers and is a clear independent endorsement of the quality of the parts produced by 3MF.

The facility and process approval demonstrates the 3DMF Houston facility is considered capable to manufacture AM part as outlined in the process/product approval in accordance with ABS Rules for Materials and Welding Part 2 (2022) and ABS Guide for Additive Manufacturing (2021). The scope of the approval is for production of "Generic Additive Manufacturing Facility Approval for Marine Applications", specifically in laser powder bed fusion on the Company's Renishaw AM400 printer in 316L material.

"This is a very important step for the Company and fully establishes our Houston facility as one of the leading Additive Manufacturing facilities in USA. We are extremely pleased to have worked with ABS to achieve this certification after many years of collaboration," said **Matthew Waterhouse, 3D Metalforge Managing Director and Interim Chairman.**

Certification demonstrates once again 3D Metalforge's commitment to continual improvement, business efficiency, greater reliable quality of processes and products, and higher levels of customer satisfaction.

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This announcement has been approved for release by the Managing Director of 3D Metalforge Limited.

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4 ASX Announcement 16th September 2021
5 Lloyd's List Intelligence

ABOUT 3D METALFORGE

3D Metalforge Limited (ASX: 3MF) is a leading 3D Printing services company that supports a growing multinational blue-chip client base through their advanced proprietary 3D printing systems. The Company offers the full range of 3D printing services, including design and engineering, material advisory, diagnostics and testing, production printing and post-production certification. All services are compliant with the latest industry and, optionally to, API standards. The approach to industrial production, using proprietary processes and eco-friendly technology, produce high-demand parts faster, more cost-effectively and with less environmental impact and greater sustainability than conventional manufacturing.