

# 3D METALFORGE BECOMES QUALIFIED SUPPLIER TO ONE OF THE WORLD'S LARGEST MANUFACTURERS OF INDUSTRIAL PARTS

## Highlights:

- *3D Metalforge is now a Qualified Manufacturing Partner to Flowserve (NYSE: FLS).*
- *Flowserve is a US\$5.5bn company and one of the world's largest manufacturers of pumps, valves and seals.*
- *3D Metalforge can now supply its pump impeller parts to Flowserve's Quick Response Centres in the Asia Pacific region, allowing for reduced lead time for customers.*
- *Pump impellers are a high volume part critical to the operation of centrifugal pumps.*
- *The qualification comes after an extensive audit and over 2 years of R&D collaboration*

**3<sup>rd</sup> June 2021:** 3D Metalforge Limited (ASX: 3MF) ("3D Metalforge" or the "Company"), a revenue generating Additive Manufacturing company, is pleased to announce that it is now a Qualified Manufacturing Partner for Flowserve's Supply Chain, after a successful Virtual Quality Management System ("QMS") audit by Flowserve's APAC Supply Chain Team.

Flowserve (NYSE: FLS) is a US\$5.5bn<sup>1</sup> market cap company and one of the world's largest manufacturers of pumps, valves and seals with 2020 revenue of US\$3.7Bn, 19,000 employees in over 60 countries and over 180 Quick Response Centres that provide aftermarket parts and services to customers globally.

As a Qualified Manufacturing Partner, 3D Metalforge can now supply pump impellers in Stainless Steel (SS316L) to Flowserve's Quick Response Centres ("QRC") in the Asia Pacific region. These centres are strategically located at most major industrial customer locations around the world, allowing for rapid delivery of standard parts.

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<sup>1</sup> Flowserve Market Cap – Yahoo Finance May 21<sup>st</sup> 2021

3D Metalforge will now be inducted into Flowserve's qualified vendor list, whereby their APAC customers will have the alternative option to purchase the Company's impeller replacements instead of parts made via traditional methods.

3D Metalforge's Managing Director, Matthew Waterhouse, said; "We have been working closely with Flowserve since 2018 supporting their additive manufacturing R&D efforts and offering faster response times than traditional supply routes for spare part replacement. Today's qualification now accelerates 3D Metalforge's commercial activities with Flowserve."

### **Faster parts, less waste**

A pump impeller is an extremely common and high use rotating component of a centrifugal pump that accelerates fluid outward from the center of rotation, thus transferring energy from the motor that drives the pump to the fluid being pumped.

The global centrifugal pump market is projected to reach a size of USD 48.8 billion by 2026, at a CAGR of 5.9%, from an estimated USD 36.6 billion in 2021<sup>2</sup>.

3D Metalforge's pump impellers supplied to Flowserve will be manufactured in the Company's Singapore facility and offer a number of benefits over traditional manufactured parts. Recently, the Company has printed 10 closed impellers for one of Flowserve's end use customers which resulted in a 50% reduction in lead time compared to traditional casting.



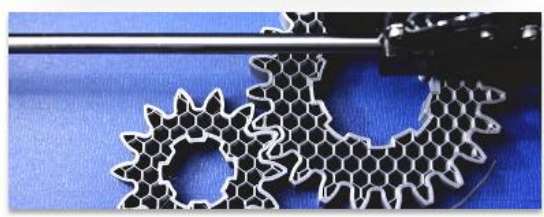
**REDUCES LEAD TIME BY  
AN ESTIMATED 50%**



**OPPORTUNITY TO CHARGE A  
PREMIUM FOR TIME SAVING**



**REDUCES STORAGE &  
INVENTORY COST**



**REDUCES MATERIAL WASTE COMPARED  
TO TRADITIONAL MANUFACTURING**

<sup>2</sup> [ResearchandMarkets.com/reports/5306513/centrifugal-pump-market-by-type-overhung](https://www.researchandmarkets.com/reports/5306513/centrifugal-pump-market-by-type-overhung)

## Next steps

3D Metalforge will harness its supplier qualification and work towards expanding its services to multiple QRCs in the APAC region and extending the APAC approval to other regions like the US and EU. Research and development work will also continue to qualify new materials and new Additive Manufacturing technologies with Flowserve's Singapore R&D team.

- Ends -

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

For more information please contact:

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## ABOUT 3D METALFORGE

3D Metalforge (ASX: 3MF) is a leading Additive Manufacturing ("AM") company that supports a growing and multi-national blue-chip client base with their 3D metal printing requirements. The Company offers a full range of in-house metal printing and additive services from design and engineering, material advisory, diagnostics and testing to printing and post production. Its proprietary novel processes and technology produces faster, cheaper and better AM parts and eco-system services.

## ABOUT FLOWSERVE

Flowserve Corp. is one of the world's leading providers of fluid motion and control products and services. Operating in more than 55 countries, the company produces engineered and industrial pumps, seals and valves as well as a range of related flow management services. More information about Flowserve can be obtained by visiting the company's Web site at [www.flowserve.com](http://www.flowserve.com).

<https://www.flowserve.com/en>