



PPAP warranted parts

Production cars are being fitted with PPAP additive manufactured parts

3T-am produced what it believes is the first ever additive manufactured (AM) part to receive a PPAP (Production Part Approval Process) Warrant for fitting on to a UK manufactured production car.

“This Warrant will be the first of many as 3T-am expands.”

3T working with





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The receipt of the first AM PPAP Warrant is a vital step for any automotive part and a significant step forward for the UK's AM industry. A PPAP Warrant is the approval that components need to receive before they can be fitted to a production vehicle.

3T-am's PPAP Warranted component has been manufactured for automotive Tier 1 supplier Titan Motorsport and will be fitted to a new car manufactured by one of the UK's automotive companies for export across the globe.

The PPAP production methodology was developed by the US Automotive Industry Action Group (AIAG) in 1982 to ensure that US vehicles could compete, in terms of quality, consistency and reliability with the best in the world. It has since been adopted by automotive manufacturers worldwide to ensure that automotive parts are made to the most rigorous and consistent standards.

PPAP is a high barrier for a component manufacturer to overcome and the 3T-am production and quality teams have been working towards producing an AM part which meets the PPAP standards for several months.

“We have been producing parts for the aerospace industry which have received flight approval for some time, it is therefore very pleasing to see that 3T-am's production rigour and consistency has been recognised with the first PPAP Warrant for an AM production part”.

1
1. Plan
and Define
programme

2
2. Product
Design and
Development
Verification

3
3. Process
Design and
Development
Verification

4
4. Product
and Process
Validation
and Production
Feedback

5
5. Launch,
Assessment
and Corrective
Action

APQP – Advanced Product Quality Planning



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