

## About this organisation

### Machine translation

This organisation has been machine-translated based on data provided in German.

GMA has been offering certified services for quality assurance and materials testing for over 35 years. Our customers receive a comprehensive range of services relating to destructive and non-destructive testing methods, 3D measurement technology and special testing techniques. As a supplement to quality assurance along the production chain and the manufacture of components, our materials testing covers both metals and composites.

Our portfolio includes over 200 different material tests for composite materials and metals: - Destructive testing (ZP) - Non-destructive testing (NDT) - Physical-chemical analyses - Development and application of automated testing methods (ZP & ZFP) - Material qualification - Production of FRP components and samples - Production and certification of reference bodies - Failure analysis / microscopy - 3D industrial measurement / reverse engineering / 3D digitalisation - 3D digitisation - Quality management

Thanks to a wide range of innovative testing methods, our customers receive all testing services from a single source, as we can test for you as part of acceptance, incoming goods, quality assurance, in the event of damage and on individual request.

Julius-Leber-Weg 24  
21684 Stade  
Lower Saxony  
Germany  
[www.gma-group.com](http://www.gma-group.com)



**GMA** GROUP  
A MEMBER OF MISTRAS  
GMA-WERKSTOFFPRÜFUNG.GMBH

**Organisation type**  
Large enterprises

**Sectors**  


**Employees**  
250 up to 499

**Turnover**  
€10m - €50m

**Funding**  
n/a

## About this organisation



<b>Main areas covered</b>	Quality assurance services, Materials testing (ZP + ZfP), Special testing techniques, 3D measurement technology, Sample production
<b>Infrastructure</b>	ZP & ZfP test centre Stade, ZP & ZfP Test Centre Augsburg
<b>Certifications</b>	EASA Part-145, Rating D1, DIN EN ISO IEC 17025, Nadcap, Pratt Whitney, MTU
<b>Keywords</b>	Non-destructive testing, Destructive testing, Automation technology, Measurement technology, Damage analysis
<b>Memberships</b>	Composites United e.V., bavAIRia e. V.

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<i>Products</i>			
<b>Services &amp; consulting</b> Training, Testing and trials, HR services, Validation, Maintenance and repair, Approval			✓
<b>Field of technology</b>			
<i>Design &amp; layout</i>			
<i>Functional integration</i>			
<b>Measuring and testing technology</b> Component and part analysis, Visual analysis (e.g. microscopy, metallography), Environmental simulation, Materials analysis, Destructive analysis, Non-destructive analysis			✓
<i>Modelling and simulation</i>			
<i>Plant construction &amp; automation</i>			
<i>Recycling technologies</i>			

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	Research	Development	Manufacturing & Supply
<b>Manufacturing process</b>			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<b>Fibre composite technology</b> Manual lamination, Resin infusion process, Resin transfer moulding, Pre-preg processing, Vacuum infusion			✓
<b>Forming</b> Bending, Stretch forming, Thermal converting			✓
<b>Joining</b> Adhesive bonding, Welding			✓
<b>Material property alteration</b> Mechanical treatment, Thermochemical treatment, Heat treatment			✓
<b>Primary forming</b> Extrusion, Casting, Pultrusion			✓
<b>Processing and separating</b> Drilling, Turning, Milling, Sawing, Grinding, Cutting			✓
<i>Textile technology</i>			

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Material</b>			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<b>Composites</b> Aramid fibre composites, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)			✓
<b>Fibres</b> Aramid fibres, Glass fibres, Carbon fibres, Metal fibres			✓
<i>Functional materials</i>			
<b>Metals</b> Aluminium, Intermetallic alloys, Steel, Titanium			✓
<b>Plastics</b> Thermoset plastics, Elastomers, Thermoplastics			✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

## Contacts

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## Contacts

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