

Welding Training and Research Centre (SLV) Berlin-Brandenburg

Branch office of GSI mbH

About this organisation

Machine translation

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

The Schweißtechnische Lehr- und Versuchsanstalt (SLV) Berlin-Brandenburg - founded 93 years ago - is a branch of GSI mbH. Thanks to our many years of experience in welding, joining, surface and testing technology, we are a competent partner for training and further education, materials technology, quality assurance and research and development, specialising in "welding in the aerospace sector".

In addition to the training of welders, including aircraft welders (also aluminium and titanium) and aluminium direct current welding on the negative pole (AGL), our offer includes the training of welding supervisors (also SAP Aluminium), the implementation and supervision of welding process and material tests and consultations, the approval of companies (including defence technology with flying equipment) and the preparation of expert reports. All courses are organised in accordance with the national technical regulations, standards and guidelines of the DVS, EWF and IIW. In addition, we have over 20 years of expertise in friction stir welding (FSW) with applications in aerospace, shipbuilding, automotive and commercial vehicle construction, rail vehicle construction and general plant construction.

Luxemburger Straße 21
13353 Berlin
Berlin
Germany
www.slv-bb.de



Organisation type

Non-university research institution

Sectors



Employees

10 up to 49

Turnover

€2m - €10m

Funding

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About this organisation

Main areas covered	Welder / Aircraft welder / AGL, Welding supervisors and SAP Alu, Friction stir welding (FSW) research, Authorisation of companies, Process review/damage assessment
Infrastructure	Extensive system technology, modern welding laboratory, Modern friction stir welding machines, Tool development for FSW, Up-to-date materials testing laboratory
Certifications	ISO 9001, DAkkS welder and testing laboratory, AZAV, ZLS
Keywords	Welder, Welding supervisors, AGL, Friction stir welding, Operating licences
Memberships	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products			
Tools and moulds	✓	✓	✓
Services & consulting			
Training, Consulting, Testing and trials, Engineering, Validation, Technology transfer, Approval	✓	✓	✓

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	Research	Development	Manufacturing & Supply
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
Joining Soldering, Welding	✓	✓	✓
<i>Material property alteration</i>			
<i>Primary forming</i>			
Processing and separating Cutting	✓	✓	✓
<i>Textile technology</i>			

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
Metals			
Aluminium, Intermetallic alloys, Magnesium, Steel, Titanium	✓	✓	✓
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Mr Dr. Matthias Pöge

Branch Manager

matthias.poege@slv-bb.de