

Wieland-Werke AG
Supplier Information
Extruded/Drawn Products Division

as of March 2012

1) Company data:

Corporate name:	Wieland-Werke AG;	Metallwerke
Address:	Graf-Arco-Straße 36;	D - 89079 Ulm
Postal address:	P.O.B. 4240;	D - 89070 Ulm
Telephone:	+49(0)731/944-0	
Fax:	+49(0)731/944-2772	
E-mail:	info@wieland.de	
Internet address:	http://www.wieland.de http://www.wieland.com	
Year of foundation:	1820	
Products:	Semi-finished products in copper and copper alloys (rods, wires, profiles, tubes) and components*; see attachment: abridged version of delivery programme	
Industry:	Metal industry	
Sites of production:	Ulm, Vöhringen, Velbert-Langenberg, Villingen-Schwenningen	
Other sites:	worldwide; see also www.wieland.de	
Turnover of the Wieland Group:	3.287 million €, including 51 million € investments in physical assets (fiscal year 2010/11)	

Number of employees:

Total Wieland Group:	6.461	(data as of 31.01.2012)
Wieland-Werke AG:	4.087	(data as of 28.02.2012)
therof		
R&D:	109	
Production:	2.588	
Sales:	276	
Quality control:	99	

Persons to contact:

Chairman of the Executive Board	Mr. Kroener*		
Technical director:	Mr. Ulm*	☎: -3676	@:gerd.ulm@wieland.de
Commercial director:	Mr. Dollmann*	☎: -2028	@:martin.dollmann@wieland.de
Sales:	Mr. Molinari*	☎: -2674	@:bruno.molinari@wieland.de
	Mr. Tischler*	☎: -2718	@:guenter.tischler@wieland.de
Technical Advisory Service / Marketing:	Mr. Allmendinger*	☎: -2850	@:timo.allmendinger@wieland.de
Quality management:	Mr. Gödrich*	☎: -3513	@:thomas.goedrich@wieland.de
Representative of environmental protection:	Mr. Zimmermann	☎: -3404	@:eckhart.zimmermann@wieland.de
Development:	Mr. Dr. Hofmann	☎: -3829	@:uwe.hofmann@wieland.de
Purchase metal:	Mr. Scholler	☎: -2516	@:johann.scholler@wieland.de

* These data are specific to the Extruded/Drawn Products Division: rods, wires, profiles, tubes, components

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| 1. Is there a product liability insurance with worldwide coverage? | Yes ✓ | No |
| 2. What is the amount of coverage?
(share of personal injury, physical damage, product damage, property damage) | 10 million € per occurrence
(as of 1 Oct. 2001) | |
| 3. Where do the strengths of the company lie? | Wide range of semi-finished products and copper and copper alloys. R&D for materials and processes for the manufacture of semi-finished products and components. We keep our plant and machinery up to date through state-of-the-art technology. | |

2) Quality Assurance: (Attachment 1: Copy certificate)

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| 1. Has a quality management system been introduced? | Yes ✓ | No |
| 2. According to which standard has the QM system been certified? | DIN EN ISO 9001:2008* | |

Note: All subjects covered by the certification are contained in the QM manual which we will send you on request.

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| 3. Who is responsible for quality? | Mr. Thomas Gödrich*
☎: 0731/944-3513
@: thomas.goedrich@wieland.de | |
| 4. Does an independent Quality Assurance exist? | Yes ✓ | No |
| 5. What recognized authority has certified the QM system? | Bureau Veritas Certification
Germany GmbH, Hamburg | |
| 6. Are initial sample inspection reports used as required by the purchase order? | Yes ✓ | No
according to VDA vol. 2 |
| 7. Is it possible, while preserving trade secrets, to grant access, for the purpose of a third party audit, to the areas where products are manufactured, tested and stored? | Yes ✓* | No |
| 8. Are special product properties pointed out to the customers (instructions, information, properties, storage, etc.)? | Yes ✓ | No |
| 9. Are there additional approvals? | Yes ✓* | No
according to AD-2000 Merkblatt W 6/2 |

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3) Services, Logistics and Contract Review:

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| 1. Are the customers informed about phase out, change, new or further developments of products in order to sell state-of-the-art and competitive products in the market? | Yes ✓ | No |
| 2. Can changes on the part of the customer be taken into consideration in current orders? | Yes ✓ | No
up to one week prior to
the start of production |
| 3. Is there an “early warning system“ to the customer in case of problems (rejects, techn. problems, delivery time, etc.)? | Yes ✓ | No |
| 4. Is there a general readiness to do joint development, research, value analysis and exchange of experience? | Yes ✓ | No |
| 5. Correspondence can be done in | ✓ German
✓ English
✓ French
✓ Italian
✓ Spanish. | |
| 6. Is there an own product and process development? | Yes ✓ | No |
| 7. What data processing system is used for production planning/control to achieve ~100 % on time deliveries? | SAP | |
| 8. Is there a company's forwarding agent for possible deliveries to the factory? | Yes ✓ | No |
| 9. Are there emergency plans to ensure delivery in case of an emergency (breakdown of important equipment)? | Yes ✓
largely | No |
| 10. Is raw material supply ensured by internal storage? | Yes ✓ | No |
| 11. Are there firm contracts with raw material suppliers? | Yes ✓ | No |
| 12. Are there storage possibilities for finished products | Yes ✓ | No
by arrangement |
| 13. Is an inventory management system used for the minimization of inventories and optimization of inventory turnover? | Yes ✓ | No |
| 14. Are the orders clearly identified to preclude mix-ups and ensure traceability to the subcontractor? | Yes ✓ | No |

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15. In which way are the products packed and identified? The packing is based on the specific product and the specifications of the customers. Standard packings are described in a packaging catalogue.

4) Production: (Attachment 2: Abridged version of delivery programme)

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| 1. Information regarding production process*: | Melting - Continuous casting - Extruding/Rolling - Drawing - Annealing - Checking |
| 2. Information regarding production equipment*: | Melting furnaces, casting equipment, extruding, drawing lines, annealing lines, pickling lines, machining centres for components |
| 3. Does the company have its own equipment and tool construction? | Yes ✓ No |
| 4. How are our products manufactured? | order-related, <u>no</u> series production* |
| 5. Are products manufactured under licence? | Yes ✓ No |
| 6. What materials are continuously processed? | Copper and copper alloys (wrought and cast materials) |
| 7. Are products manufactured which require approval/ third party inspection? | Yes ✓ No |

5) Environmental protection: (Attachment 3: Copies certificate Environmental)

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| 1. Do written guidelines exist about environmental protection? | Yes ✓ No |
| 2. Does an Environmental Management System exist according to DIN EN ISO 14001? | Yes ✓ (since 28.03.2003) |
| 3. Who is the person in charge of environment- and energy- as well as occupational health and safety management? | Mr. Eckhart Zimmermann
☎: 0731/944-3404
@: eckhart.zimmermann@wieland.de |
| 4. Does the readiness exist to possibly undergo an audit? | Yes ✓ No |
| 5. Are production processes, supply and disposal processes products checked for their environmental impact? | Yes ✓ No
Yes ✓ No
Yes ✓ No |

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6. Are environmental aspects considered during development? Yes ✓ No

7. Have goals for the improvement of environmental protection been defined and is their achievement documented? Yes ✓ No

Attachments: Abridged version delivery programme; copy certificate; copies of Environment certificate (plant Ulm + Vöhringen), corporate guidelines