

| Special Process: Heat Treat System Assessment | | | |
|--|--------------------------------|--|--|
| Facility Name: BARTH Galvanik GmbH | | | |
| Address: In den Schwarzwiesen 4; 61440 Oberursel / Taunus; Germany | | | |
| Phone Number: +49 6171 9727 0 | | Fax Number: +49 6171 9727 50 | |
| Date of Assessment: | January 20-21, 2022 | Date of Previous Assessment: | January 14, 2021 |
| Internal (Captive) Heat Treater (Y/N): | N | Commercial Heat Treater (Y/N): | Y |
| Type(s) of Thermal Processing at this Facility: | | | |
| Process Table A | | Process Table D | |
| Carburizing | | Induction Heat Treating | |
| Carbonitriding | | Process Table E | |
| Carbon Restoration | | Annealing | |
| Neutral Hardening (Quench and Temper) | X | Normalizing | |
| Austempering / Martempering | | Stress-Relieving | |
| Tempering | X | Process Table F | |
| Precipitation Hardening / Aging | | Low Pressure Processing (Carburizing / Carbonitriding / Neutral Hardening) | |
| Process Table B | | Process Table G | |
| Nitriding (Gas) | | Sinter Hardening | |
| Ferritic-Nitrocarburizing (Gas or Salt) | | Process Table H | |
| Process Table C | | Ion Nitriding | |
| Aluminum Heat Treatment | | Process Table I | |
| | | Hot Stamping | |
| Current Quality Certification(s): ISO 9001; ISO 14001; ISO 50001 | | | |
| Date of Re-assessment (if necessary): | | | |
| Personnel Contacted: | | | |
| Name: | Title: | Phone: | Email: |
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| Bryan Bütow | Teamleiter Härtereier Werk 5 | +49 6171 9727 0 | |
| Auditors/Assessors: | | | |
| Name: | Company: | Phone: | Email: |
| Carsten Recknagel | Barth Galvanik GmbH | +49 6171 9727 70 | carsten.recknagel(at)barth-galvanik.de |
| Number of "Not Satisfactory" Findings: 0 | | | |
| Number of "Needs Immediate Action" Findings: 0 | | | |
| Number of "Fall" Findings in the Job Audit(s): 0 | | | |

21.01.2022

 B A R T H
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