

Planung und Beratung
Oberflächentechnik
GmbH

We will be glad to inform you.
Please call us.



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As a qualified and experienced engineering company in the industrial surface treatment and environmental technology we accompany surface and environmental technology professionally for the optimization of existing paint and powder coating systems as well as the design and realization of completely new plants. Extensive expertise paired with a pragmatic and solution-oriented approach also secures a successful planning and realization of your project.

Our range of services includes:

- Vulnerability analysis of existing processes in surface engineering
- Planning of optimized and alternative processes as well as plants and peripherals for the areas
 - Component pretreatment
 - Coating materials and structures
 - painting processes
 - manufacturing concepts
- Approval procedures

GERMANY

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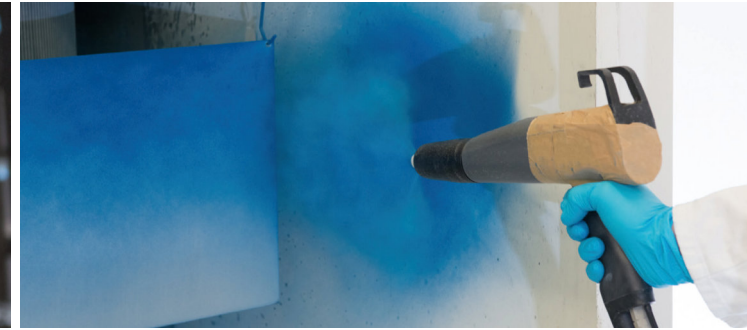
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PLANT AND FACTORY PLANNING

Planning of paint shops



QUBUS Services related to plant and factory planning



Preliminary study	Basic concept	Detailed concept	Approvals	Specification	Request for quotation	Realization	Acceptance	Start-up support
<ul style="list-style-type: none"> Actual status recording Vulnerability analysis Trend analysis (components (dimension), quantities, qualities, requirements) Optimized actual status General functional specification 	<ul style="list-style-type: none"> Factory layout planning and material flow analysis Basic considerations for the plant and process technology Design and evaluation of alternative technologies Determination of basic data for building and technical building equipment 	<ul style="list-style-type: none"> Layout planning for plant variants and peripheral equipment Building and technical building equipment, energy concepts 	<ul style="list-style-type: none"> Approval acc. 31.BImSchV (VOC-Emissions) Authority talks to environmental approval aspects Application documents related to discharge of wastewater, VOC-Emissions Coordination of required expert reports (e.g. noise, emissions, soil protection) 	<ul style="list-style-type: none"> Specifications for plant engineering and environmental technology Supplier suggestions 	<ul style="list-style-type: none"> Quotation request and offer comparison Supplier talks and negotiations Contracts 	<ul style="list-style-type: none"> Detailed planning of plant engineering / environmental engineering Project schedule and take-over point coordination Coordination of assembly and commissioning 	<ul style="list-style-type: none"> Safety-related acceptance / CE certification Technical acceptance 	<ul style="list-style-type: none"> Follow-up of remaining open points / defects Support during production rampup

PROJECT ORGANIZATION AND PROJECT DOCUMENTATION

YOUR ADVANTAGES

- Support for your project team by qualified project engineers
- Systematic and structured project organization and execution
- Supplier-independent advice
- State of the art through existing network in surface engineering
- Individual solution for each task
- Proposals of suitable suppliers
- Continuous monitoring of the execution
- Legal security in the approval procedure

RELATED SERVICES

- Paint shop optimization
 - Quick check
 - Improvement of plant characteristics like first-run proportion, quality, coating costs under the consideration of the state of the art
 - Development of reduction plans for VOC-Emissions
- Occupational safety and health protection
- Environmental law
- CE mark
- Fire and explosion protection

SELECTED REFERENCES

- F.X. MEILLER Fahrzeug- und Maschinenfabrik GmbH & Co. KG, Munich and Slany, Czech Republic
- Voith Turbo GmbH & Co KG, Salzgitter
- FYSAM Auto Decorative GmbH, Böhmenkirch
- MTU Aero Engines AG
- GEZE GmbH, Leonberg
- Airbus Helicopters, Marignane, France

