

Offer

WE OFFER

Activity

Work location: Graduate Engineer Mechanical Engineering(m/w); Engineering graduate (FH) – Graduate Engineer; Engineering graduate (FH) – Automotive Engineering; Graduate Engineer (FH) - Process Engineering; Graduate Engineer (FH) – Management /Economics.

Number of offers 30; Employment with social security contribution

Area of deployment

Production planning

Job description

A German automobile company is looking for the Graduate engineers in China with the specializations in Mechanical Engineering / Forming Technology / Automobile Engineering / Process Engineering / Chemistry / Electronics for the areas: Press plant; Car body construction; Paint shop; Assembly; Automobile electrical and electronics; Production flow; Automation technology; Logistics; Operational structures in the production planning

Tasks and requirements for the area of Press plant

Tool planning:

- Supervision of the tasks for production process flows and methods under consideration of pre-planned investments and schedules as well as pre-specified planning numbers and production qualities.
- Processing of operating sequences for large and medium press parts
- Processing and maintenance of preparation plans
- Production-driven design and corresponding re-design of parts together with the development and corresponding departments of production planning
- Relinquishing and controlling the tasks in the method planning and for the tool suppliers
- Worldwide technical supervision of tool suppliers
- Supporting the resource allocation including coordination of the production equipment and time frames
- In case of incurring allocation difficulties, planning the measures for correction together with the development and corresponding departments of production planning
- Incorporation and continuous follow-up of the measures for ensuring the project target achieving
- Coordination of necessary part corrections in case of pilot production and series production
- Maintenance of documents and execution of correspondence with clients and suppliers till transferring the resources to the client.

Quality planning test attribute generation:

- Generation of test attribute plan (PMP) on the basis of VW Group guidelines
- Generate 3D and 2D PMP and changes in Catia V5
- Tracking of changes and updating of vehicle data for the changes of PMPs
- Support and maintenance of PMPs for all locations and also temporarily on all locations

Tasks and requirements for the area of car body construction

Derives from the targets of PMP, planning of car body construction, the employee shall execute following specialized tasks:

- Planning and working of multiple parts areas of production and development of individual projects till the the operations-ready transfer
 - Processing of work flows, equipment and methods for complex suboperation series and incorporation of these scopes in the production layout under consideration of the demands of all corresponding departments and specialized units.
 - Generation of preparation and production plans for individual work series including the coordination with production, standards department and management committee
 - Determination and combination of production time and estimated costs of multiple production scopes including the corresponding coordination.
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- Generation of technical service descriptions of simple production plants
- Arrangement of constructions of smaller operating resources, supporting the construction.
- Generation of structure and schedule plans in discussion with all corresponding positions
- Supporting the production, support during the installation and commissioning
- Assessment of FE drafts and cooperation during the work of commercial alternatives
- Processing of OVV, PV, 0 series until including the series production
- Processing of planning orders, improvement suggestions, change applications, FE and BEMI drawings.
- Continuous revision of planning documents and development of correspondence on the basis of the tasks.
- Information of the supervisors and cooperation with the employees.
- Observation of all applicable specifications

Tasks and requirements for the area of paint shop

Tasks:

- Planning and supporting the production processes, equipment, methods for multiple work sequences under consideration of pre-planned costs, investments and schedules as well as pre-specified spatial plans, production programs and qualities.
- Processing of planning projects in the paint shops with the processing of corresponding decision templates
- Generation of cost assessments
- Generation of production concepts, service directories, assessment of offer documents
- Coordination of projects with the executing and using companies as well as specialized departments while realizing the goods
- Acceptance of goods

Specific requirements:

- experience in planning in the area of paint shop of the vehicle production and comprehensive professional experience

Tasks and requirements for the area Assembly:

- Product work: Supporting the development of vehicle new projects on the basis of SET work, Representing the production demands as P-SET representative
- Structure work: Bidding the production goods in coordination with new customers (Production locations), construction and support of goods suppliers till the acceptance in the vehicle plant on site as well as workshop participation.
- Process planning: Drafting the work processes and process flows in the system work plan and use of MTM: assessment of ergonomics and introduction of suitable ergonomic improvements
- Execute DMU-investigations as well as participation in FMEA and virtual assurance

Tasks and requirements for the area PMP-E: (Vehicle electrical and electronic equipment: production flow)

Test technology:

Task description:

- Representation of the production in the product design process (PEP) of new vehicle projects for ensuring the quality and commercial viability
- Planning and realization of goods for commissioning and testing of electrical, hydraulic and mechatronical systems
- Implementation of standards in the test technology

Specific requirements:

- Fundamentals of project management, Cost accounting

Electrical equipment/Electronics:

Task description:

- Representation of production in the entire product design process (PEP) of new vehicle projects for ensuring the quality and commercial viability
- Processing of technical vehicle concepts and systems from the area of vehicle electrical equipment / electronics
- Cooperation in various teams (e.g. Specialist group, SET, Concept/Product workshops)
- Generation of commissioning instructions

Specific requirements:

- Fundamentals of project management, Cost accounting

Tasks and requirements for the area automation technology:**General**

- Generation of specification manuals and checking the offers
- Planned and constructive support of goods supplies with respect to technology and schedules
- Consultation and support of plant operators and their training organization in case of qualification of service and maintenance personnel at the time of introduction of new technology
- Analysis and assessment of solution possibilities and determination of technical scope
- Consultancy and support of plant operator during production process

Release of operating resource components

- Qualification and release of local operating resource components and process devices under consideration of production and cost-driven aspects
- Ensuring the function in standard controlling concept
- Generation of requirements on process devices
- Coordination with the planning of automation technology / technology planning in Wolfsburg

Car body construction

- Planning and design of controlling concepts for car body construction plants under consideration of production and cost driven aspects
- Planning the electrical equipment for production plants of the car body construction with the tools of Digitalen Fabrik (DiKab, Process Designer)
- Development and optimization of generally-applicable Hard and Software standards for car body construction plants as well as documentation of these standards

Paint shop

- Planning and design of controlling concepts for paint shop plants under consideration of production and cost driven aspects
- Planning of electrical equipment for production plants of the paint shop
- Development and optimization of generally-applicable Hard and Software standards for paint shop plants as well as documentation of these standards

Assembly

- Planning and design of controlling concepts for assembly plants under consideration of production and cost driven aspects
- Planning of electrical equipment for production plants of the assembly
- Development and optimization of generally-applicable Hard and Software standards for paint shop plants as well as documentation of these standards

Specific requirement:

- Characterized understanding for commercial connections is necessary
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Tasks and requirements for the area Logistics:

A) Process planner

- Planning of internal material flow processes and structures in existing and new plants of VWAG and their Joint Venture partners, commercial, qualitative and ergonomic aspects are of significant consideration
- Planning and implementation of the subsequently relevant logistical resources (e.g. surface, industrial trucks,)
- Coordination with internal and external customers about all hierarchy levels
- Determination and feasibility of logistic costs as well as their subsequent reduction
- Cooperation and support of in-house logistics about the entire production support process
- Qualification for total coordination of vehicle and structure projects

B) Container and technical planner

- Planning of packaging and loading carrier concepts
- Coordination of the planned packaging concept with corresponding planning partners
- Planning of tugger train and approach technologies
- Coordination of planned routes for approach technologies
- Use of digital planning tools
- Supplier selection, start-up support and standardization

Tasks and requirements for the area production structure:

Being reconciled.

Tasks and requirements for the area vehicle control:

Tasks:

- First central contact partner, order and information hub in internal and external relationships for the development of vehicle and structure projects as well as investment and controlling topics
- Responsible for tracking and reporting of project status, for escalations in case of objective deviations as well as introduction and tracking of measures together with the specialized departments
- Central service provider for defined comprehensive topics (standardization, investment management and controlling/accounting)
- Generation of accounting for planning contracts under consideration of country-specific peculiarities, schedules and payment objectives as well as special contractual agreements with respect to dispatch, taxes, etc. and reviewing the documents necessary for accounting for completeness and adherence to legal as well as fiscal guidelines

Specific requirements:

- Practical experience in the area of production planning, tool and plants construction or VSC as a planner or as an integrated responsible person
- Knowledge in the process of planning of vehicle projects and their allocated processes in accordance with PEP
- Poise, ability to presentation and moderation, High assertiveness

General requirements for the areas of production planning (Press plant, Car body construction, Paint shop, Assembly, Automobile electrical and electronics, Production flow, Automation technology; Logistics; Operational structures), Production planning and vehicle project control:

- Completed studies Engineering Graduate/ Master. (TU/FH) of specializations in Mechanical Engineering /

Forming Technology / Automobile Engineering / Car body construction and automobile production technology / Electronics technology including automation technology / Mechanical technology / Informatics / Process technology or Chemistry as well as completed technician training for mechanical engineering / Industrial engineering / Engineering in Vehicle as well as mechanical production with BWL knowledge or an equivalent qualification (e.g. technician) / Business administration / Economics

- Comprehensive knowledge in the general system technology (Hard- and Software, MS-Office)
- Good knowledge with CAD or experience with CAD
- Knowledge in working with EDP-System CATIA desired
- Language competency Spoken and Written:
Mandarin: business fluent
German: business fluent
English: business fluent
Other foreign language knowledge is desired.
- Good inter-cultural understanding and foreign experience preferred
- Readiness for flexible project deployment at various locations in China and in foreign countries
- High degree of own initiatives, comprehensive team and communication ability, flexibility, creative and target-oriented thought process, independent and systematic process development, Sense of responsibility and operational readiness are necessary
- Valid passenger car driving license

Conditions

- intensive training in Germany before taking up the assignment in China (for the training, a visit shall be arranged without any costs)
- unrestricted local employment contract
- Transfer of travel costs for taking up the activity in China

Job location

China – different locations and also **flexible project deployment worldwide**

Framework conditions

Unrestricted, working hours: Full time, remuneration offer: as per agreement

Information about the employer

Operating size: between 5001 and 50000

Segments: Manufacturing of passenger car and passenger car motors

WE ARE LOOKING FOR

Educational background

University (or equivalent)

Mobility

Passenger car: Driving license necessary

Earliest date of joining

01.05.2015

Job / training codes

Engineering Graduate (FH) - Chemistry; Engineering Graduate (FH) - Automobile technology; Engineering Graduate (FH) - Mechanical engineering; Engineering Graduate (FH) – Process engineering; Engineering Graduate (FH) - Mechanical engineering (production technology); Engineering Graduate (FH) - Process engineering ; Engineering Graduate (FH) - Process technology (Chemistry); Engineering Graduate (FH) Car body construction and automobile production technology; Engineering Graduate (FH) - Mechanical technology; Engineering Graduate (FH) - Electronics, Engineering Graduate (FH) - informatics,

Engineering Graduate (FH) - Economics.

ASun@antal.com.cn
