

Projektant procesní

Function Description:

The direct supervisor of the process engineer (process designer) is the head of the process department, design department.

In the contract team, his direct supervisor is the HIP (chief engineer of the project) or VP (project manager).

Duties:

- Design of technology according to the customer's specifications from the process-technological point of view
- Creating a simulation model of the technology
- Development of advanced process calculations for steady state operation of the technology, possibly in quasi-stationary mode (dynamic state)
- Coordination of work and negotiations with the process licensor, if necessary
- Marketing support within chemical technology
- Creation of a model of emergency operating conditions (flier systems, emergency depressurization, etc.)
- Design and optimization of technological process and heat exchanger networks
- Backward verification of the model based on actual operational data
- List of required equipment and packaged units
- Participation in situational technology solutions
- Measurement and control design in conceptual design
- Creation of material and heat balance of the main part of the technology
- Creation of material and heat balance of the remaining technology nodes
- Preliminary auxiliary media consumption
- Definition of guaranteed technology parameters
- Participation in functional testing and commissioning
- Participation and evaluation of the guarantee test
- Participation in test operation, if required

Responsibilities:

- Responsible for process technology design
- Responsible for the technical level of processing of project documentation, procedural documentation for tendering, coordination of design work and all technical activities related to the processing of project documentation according to the specified standards and



- specifications, while respecting the economic aspects of its processing
- Responsible for the implementation of the schedule of design and technical engineering works of the process part of the project
 - Deepens and broadens his/her professional qualifications and language skills and makes full use of them in the performance of his/her duties
 - Adheres to Boilen's policies, guidelines, work procedures, safety regulations and other management documentation
 - He shall keep confidential all facts which come to his knowledge in the performance of his duties.

Powers:

- Only as directed by the immediate supervisor and/or project manager
- Signing of individual documents according to Directive SM 01 Organisational Regulations