

- Level:**
- 1 = I possess extremely extensive and current knowledge, practice > 5 years
 - 2 = I control the remit safe and can solve complex tasks, practice 2 - 5 years
 - 3 = I possess the required expertise. I can solve simple tasks, practice <2 years
 - 4 = I possess knowledge and practical experience but have no current
 - 5 = I possess no expertise, have no practical experience, but I am ready any time to acquire my knowledge

Industrial Areas	Level		Level		Level
Plant construction	1	Power Plant Technology	1	Environmental Technology	5
Chemistry	1	Life Science	5	Pharmaceutical Industry	3
Energy	2	Oil & Gas	1		
Supply Engineering	4	Petrochemistry	1		
Methodical Expertise	Level		Level		Level
Project Execution	1	Cost Control	1	Quality Management	4
Proposal Preparation	1	Cost Estimation	1	Quality Control	2
Proposal Cost Calculation	1	Resource Estimation	1	Reporting	2
Basic Engineering	1	Requirements Spezifikation	1	Scheduling	2
Consulting	1	Supplier Selection	1	Expediting	2
Changemanagement	1	Supplier Audits	3	SIX SIGMA	5
Detail Engineering	2	Feasibility Study	4		
Documentation	2	Employee Management	1	Further Skills:	
Commissioning	1	Project Planning	1		
Design	3	Project Coordination	1		
Spezifikation	2	Project Lead	1		
Calculation	5	Projektmanagement	1		
Expertise	Level		Level		Level
Process Engineering		Design / Construction		Construction Management	
Submission Planning / Engineering	3	Valves	2	Work Safety	2
Pressure Loss Calculation	4	Measurement	1	Construction Supervision	2
Strength Calculation	4	Arrangement Drawings	3	Installation Supervision	1
HAZOP/PAAG Method	4	Detailing	3	Site Management	1
Process Engineering	2	Pressure Vessels	3	Reconnection Engineering	2
Mechanical Equipment	1	Shop Drawing	3	Coordination BGV A1	3
Prozess-Simulation	5	Isometrics	2	Progress	1
PID's	2	Columns	3	Quality Control	2
Safety Analysis	3	Piping	1	SCC	3
Fluid Mechanics	4	PID Drawings	2	SiGeKo	3
Thermodynamics	4	Control Valves	3	Turnaround Management	1
Process Flowcharts	3	Pipeline Construction	1	Installation - / Workflow-Planning	2
Equipment Engineering	4	Pipeline Spezifikation	1		
Pumps	3	Special Machine Construction	3		
Rotating	3	Stress Calculation	5		
Compressors	4	2D-Planning	4		
Heat Exchangers	3	3D-Plaanning	4		
Vessel Construction	3	EN/DIN/ISO	3		
Material Engineering	3	ASME/ANSI	3		

Expertise	Level		Level				Level	
Construction Planning		EMSR-Automation Technology		CAD/Documentation				
Tendering / Contracting	1	ESD-Systems	5	Drafting			3	
Building Application	2	DCS-Systems	5	Process Flow Charts			2	
Fire Protection	4	EX-Devices	5	Drawing Check			2	
CAD-Planning	3	Lighting Planning	4	Drawing Management			2	
Building Construction	5	Verification of Intrinsic Safety	5					
Exposion-Protection	2	Grounding and Lighting Protection	4	Foreign Language:				
Approval Planning	3	Functional Descriptions	4	German			mother tongue	
Civil Engineering	5	Transformer Design	5	English business fluent			1	
HOAI Phases	5	VDE100	5					
Industrial Construction	5	VDEII3	5	Further Skills:				
Noise Protection	4	Hardware Planning	5					
Static	4	Hook ups	4					
Static Calculations	4	Cabel Calculation	5					
Underground Construction	4	Medium-Voltage-Switchgears	5					
Structure Planning	4	Electronical Measurement	3					
WHG	2	Methode Statements	4					
VAws	2	Heat Tracing	3					
		Process-Automation	4					
Calculation / Design		Process Control Engineering	5					
FEM-Calculation	5	Control Technology	5					
Pipo-Stress-Calculation	5	Circuit Diagrams	5					
Network Calculation	5	Switch Cabinet Construction	4					
Devices Calculation	5	Switch Cabinet Engineering	5					
Tank Calculation	5	Software Planning	5					
Steel Structure Calculation	4	Process-Analyses	5					
Fluid Mechanics Calculation	4	Control Enginnering	4					
Thermodynamics	4	FSM	5					
Computer Skills	Version	Level		Version	Level		Version	Level
Aspen		5	MS-Office	2013	1	SAP-User		3
AutoCAD	2010	3	MS-Project	2013	2	Sigraph Design		5
Caesar II		5	MS-Visio	2013	2	Simatic PCS7		5
ChemCAD		5	NozzleIpro		5	Simatic S5		5
Comos PT		3	PDMS		5	Simatic S7		5
Conval		5	PlantSpace 3D		5	SINETZ		5
DIMy		5	PlantSpace Isometrics		5	SmartSketch		4
ePlan		5	PlantSpace P & ID		5	SmartPlant 3D		5
FE/Pipe		5	Primavera		5	SmartPlant P&ID		5
FERO		4	ProEngineer		5			
PDS 2D		5	ProStructures		5	Further Skills:		
PDS 3D		5	Rohr2		5			
MicroStation 2D		5	Roser		5			
MicroStation 3D		5	R-Stab		5			