

Senior Mechanical Engineer

- Degree of education**
- Mechanical Engineer, MSc
 - Welding Engineer, MSc, IWE / EWE

Present Position **Senior Mechanical Engineer**

- Current Responsibility**
- Material selection, piping class and specification preparation, offer evaluation
 - Participation and working out of design offers including technical scope definition, conceptual design, cost estimation, etc.
 - Technical elaboration of offers

- Qualifications / Certificates**
- SolidWorks Basic Training
 - Registered Professional Engineer in ASME III
 - HCE - Corrosion Protection Expert
 - Application of 97/23/EC directive (PED - Pressure Equipment Directive)

- Licenses**
- Registered member of the Chamber of Engineers
 - Planning permission in the field of gas and oil industry (GO-T)

- Software knowledge**
- MS Office
 - AutoCAD, SolidWorks/Solid Plant
 - Smart Plant Material (piping class and material management SW)
 - Equist (material database / management SW)

- Employment History**
- Senior Piping Engineer (3 years)
 - Head of Department of Materials Technology (4 years)
 - Senior Materials Engineer (2 years)
 - Materials Engineer (4 years)
 - Knorr-Bremse Sfs (2 years) Documentation Engineer



WORK EXPERIENCE / REFERENCES

POSITION	JOB / CLIENT / LOCATION
Senior Mechanical Engineer	<ul style="list-style-type: none"> • Skid Unit Offer Preparation (Dosing-, Transfer-, Chemical Storage Skids) / Material selection, piping class preparation, offer evaluation, piping design activities, vessel calculation, preliminary MTO for cost estimation. Offers are prepared for several end-users such as Saudi Aramco (included Petro Rabigh, SATORP, SAMREF, YASREF), NALCO Saudi Company Ltd., JACOBS ZATE, ENPPI (Egypt), SABIC, MUSTANG-HDP, FARABI / PETROFAC • Skid Refurbishment of existing Sodium Cyanide Dosing Skid for MA'ADEN Gold and Base Metals Company / Material selection, piping class preparation, offer evaluation, piping design activities • Feasibility Studies for air cooler installation with connected piping system at Nuclear Plant - Paks, Veolia Water Solutions – Ajka, Conserve Factory - Kecskemét • C10 Column Replacement, slop Tanks design and installation / Material selection, design calculation, equipment design support • CLN (Continuous Linear Nozzle) pipeline design for JET fuel Tanks at Vancouver Airport, Canada / Material selection, piping design activities <p>Vegetable Oil Plant, Foktő</p> <ul style="list-style-type: none"> • OSBL piping design / Material selection, design calculation, piping class preparation, piping design activities • Shell Fuel Additive Dosing System /Material selection, piping class preparation, offer evaluation • Mobile Petrol Filling Unloading Unit / Material selection, piping class preparation, piping design activities <p>Procter & Gamble</p> <ul style="list-style-type: none"> • Pumps Utility Sealing System, piping class preparation, piping design activities, site supervision <p>Nalco Saudi Company Limited</p> <ul style="list-style-type: none"> • Kingdom of Saudi Arabia, Cooling Water Treatment Dosing System, project lead, piping class preparation, piping design activities

WORK EXPERIENCE / REFERENCES

POSITION	JOB / CLIENT / LOCATION
Senior Piping Engineer	<ul style="list-style-type: none"> • Gasoil and Naphtha Storage Tanks Design / Material selection, piping class and specification preparation, offer evaluation • International Gas Transit Pipeline / Material selection, piping class and specification preparation, offer evaluation • Reconstruction of Friendship-I Crude Oil Pipeline / Material selection, piping class and specification preparation, offer evaluation • Gas Preparation Unit Intensification / Material selection, piping class and specification preparation, piping detail design
URAL OIL AND GAS	<ul style="list-style-type: none"> • Kazakhstan, Rozhkovskoe Field Development, Material selection, piping class and specification preparation, offer evaluation • Basic and Detail Design of Butadiene Storage Tanks / Material selection, piping class and specification preparation, offer evaluation • Intensification of Acid Unit, material selection, piping class and specification preparation, offer evaluation • Reconstruction of Different Gas Distribution Pipelines / Material selection, piping class and specification preparation, offer evaluation • Reconstruction of Gas Odorization Units / Material selection, piping class and specification preparation, offer evaluation

Swiss Fire Protection
Research & Development AG



WORK EXPERIENCE / REFERENCES

POSITION	JOB / CLIENT / LOCATION
Head of Department of Materials Technology for 5 years	<p>Organize and supervise the Materials Technology Departments activities, engineering support for senior & junior material and piping designers.</p> <p>INA</p> <ul style="list-style-type: none"> Croatia, Detail Design of Sulphur Recovery Unit / Material selection, piping class and specification preparation, offer evaluation Detail Design of Hydrogen-3 Unit / Material selection, piping class and specification preparation, offer evaluation ENI-Dunastyr Unit Intensification / Material selection, piping class and specification preparation, offer evaluation <p>OMAN OIL COMPANY</p> <ul style="list-style-type: none"> Musandam Processing Plant / Material selection, piping class and specification preparation for EPC offer preparation <p>SLOVNAFT (Slovakia)</p> <ul style="list-style-type: none"> Ethylene Storage Tank – Material selection, piping class and specification preparation for EPC offer and participation in EPC offer elaboration Aromatic Unit reconstruction – Material selection, piping class and specification preparation for EPC offer and participation in EPC offer elaboration <p>Austria</p> <ul style="list-style-type: none"> Truck car loading station reconstruction – Material selection, piping class and specification preparation piping design in feasibility study Synthetic Rubber Plant – Material selection, piping class and specification preparation for EPC offer and participation in EPC offer elaboration
Material Supervisor / Site Expert for 2 years	<p>INA</p> <ul style="list-style-type: none"> Croatia - Rijeka, Construction of Sulphur Recovery Unit / Supervising of incoming materials, material issue for piping isometrics (forecast, reservation), change management for materials, prefabrication and progress supervision at subcontractor and on site



WORK EXPERIENCE / REFERENCES

POSITION	JOB / CLIENT / LOCATION
Senior Materials Engineer for 3 years	<ul style="list-style-type: none"> International Gas Distribution Pipeline / Material selection, piping class and specification preparation, offer evaluation
	INA
	<ul style="list-style-type: none"> Croatia - Sisak, Detail Design of Naphtha Desulphurization Unit / Material selection, piping class and specification preparation, offer evaluation Croatia – Rijeka, Detail Design of Sulphur Recovery Unit/ Material selection, piping class and specification preparation, offer evaluation
	CTK LTD (ADITYA BIRLA CARBON GROUP)
	<ul style="list-style-type: none"> New Tread Line (capacity improvement) /Material selection, piping class and specification preparation
Materials Engineer for 5 years	<ul style="list-style-type: none"> Gasoil Deep Desulphurization Unit Detail Design / Material selection, piping class and specification preparation, offer evaluation Naphtha Desulphurization and Light Olefin Etherification Unit Detail Design / Material selection, piping class and specification preparation, offer evaluation Olefin C4-C5 Fraction Separation Detail Design / Material selection, piping class and specification preparation