



professional opportunities in **eni**  
for **materials engineers**

eni corporate university



eni

## specialist materials engineer

Developing and disseminating know-how in the field of characterization and classification of materials for use in corrosive environments, ensuring the definition, distribution and updating of appropriate standards, regulations, best practice and specialist support software; providing specialized services to the project team for the choice of mitigation techniques using chemical products and/or base materials and corrosion monitoring systems.

Designing new, higher performing materials that are more reliable and corrosive resistant, lighter and more economic. Developing new chemical products to control corrosion and put in place more reliable methods to monitor corrosion and assess asset integrity.

## drilling engineer

Coordination, management and execution of specialist studies for the design and execution of well drilling and completion activities, defining the best technical solutions in relation to the company's business plans. Coordination and management of support activities and services required to develop well projects, according to criteria for excellence both in the technology employed and the adopted solutions existing on the market. Managing and developing company know-how, establishing reference guidelines for the best and most advanced engineering solutions, for application to oil well drilling and completion activities, to ensure company competitiveness at an international level.

## welding engineer

Technical engineering activity with special emphasis on the design, construction and control of metallic structures. Definition of engineering procedures for welding and tests to prevent defects, ensure tensile strength and corrosion resistance of welds carried out on onshore and offshore structures and pipelines.

## NDT (non destructive testing) engineer

Technical engineering activity with special emphasis on the design, construction and monitoring of metallic structures. Definition of engineering non-destructive testing procedures of butt welds and structures to ensure their quality and safety. Non-destructive testing is used to detect defects, test tensile strength and corrosion resistance of onshore and offshore pipelines and structures.

## painting and coating engineer

Technical engineering activity with special emphasis on the design, construction and monitoring of metal structures. Definition from an engineering point of view of coating materials and procedures for onshore and offshore metal structures, to guarantee quality, safety and resistance to corrosion.

**note:** the job opportunities listed are open to both men and women, in line with equal opportunities legislation.