

# JOB DESCRIPTION

## PIPELINE ENGINEER



PLACE: FRANCE (LA CIOTAT)

OCCUPATIONAL CATEGORY: EXECUTIVE

OPEN-ENDED CONTRACT

### COMPANY

Principia (90p - 11M€ revenue) is a company specialized in engineering and scientific expertise, occurring in Energies' business sectors (oil & gas, renewable marine resources, nuclear energy) and in Naval / Defense ones. With a well-known experience of more than 35 years, Principia supports the main industrial companies in their conception process and in their facilities' maintenance in operational condition, offering a wide range of high value-added services (R&D, expert software, engineering studies, expertise and trainings).

### RESPONSIBILITIES

- . Perform typical pipeline/cable design activities using analytical tools
- . Perform pipeline non-linear FE analyses (e.g. global buckling analysis, free span assessment, On-bottom stability analysis)
- . Interpretation of results and development of design solutions in accordance with applicable Codes & Standards
- . Writing and checking of analysis reports
- . Involvement in a range of projects for the Oil & Gas and Renewable Energy markets

### SKILLS & EXPERIENCE

- . Bachelor Degree in Engineering (Ocean, Mechanical or Marine)
- . Experience : 2 to 5 years, with a minimum of 2 years direct offshore pipeline design experience
- . Competent in subsea pipeline design
- . Strong knowledge in FEA and particularly using ABAQUS
- . Experience in pipeline non-linear FE analyses
- . Good knowledge in standard oil & gas standards
- . Good communication skills. Fluency in English is mandatory
- . A good team player. Self-motivated with a drive for results, improvement and innovation

To apply: [job@principia.fr](mailto:job@principia.fr)