

# Oil & Gas Technology Group

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Oil & Gas

Technology Group

"Recruiting Top Talent for  
The Upstream Oil & Gas Industry"

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<b>Position Title:</b>	<b>Senior Mechanical Engineer</b>
<b>Salary Range:</b>	\$75K - \$115K
<b>Classification (Full Time or Contract)</b>	Full Time
<b>Location:</b>	Houston TX
<b>Education Requirements:</b>	Graduate mechanical engineer, other qualified B.S. degree
<b>Experience Level:</b>	6 years experience

## **Job Description:**

The candidate selected for his position must possess the following:

In depth knowledge of hydraulic controls and applications pertaining to equipment selection and creating hydraulic flow diagrams (circuits).

Knowledge of troubleshooting hydraulic circuits and resolution of design issues.

Able to coordinate multiple tasks and supervise design and drafting personnel as needed.

Knowledge concerning skid mounted power units and control skids.

Ability to perform any needed calculations for strength of materials pertaining to work within subsea Drilling Control systems and associated skid mounted equipment.

## **Job Requirements/Qualifications:**

Graduate mechanical engineer, other qualified B.S. degree or additional years of applicable job experience to qualify.

Skill in using Microsoft Word and Excel. Skill in AutoCad as appropriate for an engineer.

Ability and technical knowledge to perform flow calculations as would pertain to response times and flow rates through various hydraulic circuits.

Ability to perform finite element analysis. Skill in use of Inventor. Experience with engineering design for Drilling Control Systems or Production Control Systems preferred.

Ability to travel as needed.

Minimum Years Experience 6