HCM: Engineer. Polymer
Job title: Polymer Engineer
Function: Engineering
FLSA Status: Exempt
Reports to: Engineering Manager
Company: National Oilwell Varco
Business Segment: Rig Systems
Business Group: PCG
Location: Houston, Texas 77041 6390 N. Eldridge Parkway

Contact: Lydia Mireles at Lydia.Mireles@nov.com

Job Summary:
Perform duties as a polymer engineer for sealing technologies used in drill-through equipment. Responsible for developing new formulations, conducting failure analysis, providing support to mechanical design team, and for the optimization and development of new manufacturing processes.

Facility Group Specific Responsibilities
Develop and test new materials
Establish material tolerances
Conduct failure Analysis
Implement analytical tools for improved designs and high-quality parts
Execute numerous improvement projects
Interface with mechanical design and production teams as required
Generate engineering reports of studies, new processes and implementations
Perform other related tasks as assigned
Comply with all NOV Company and HSE policies and procedures

Education & Experience
0-5 years’ experience in sealing technologies
B.S. or P.H.D. in Polymer Chemistry, Polymer Engineering, or related field of study
(Foreign visa applicants will be considered)

**Behavioral Competencies**

Excellent communication (verbal and written)
Affinity to conduct engaging technical discussions
Aptitude for teaching others and sharing information
Effective goal setting and planning

**Technical Competencies**

Use of simulation software
Operation of Lab Equipment
Knowledge of applicable elastomer testing standards: ASTM, NACE and NORSOK