

Fire Protection Engineer Fire Protection Group

Qualifications: Bachelor's or Master's degree in Fire Protection Engineering, Mechanical Engineering, Chemical Engineering, or Chemistry is required.

The position is located in the Fire Protection Group of Materials Division, Naval Surface Warfare Center, Carderock Division.

Selectee would be responsible for:

- Material fire performance testing and analysis (ASTM E1354 heat release and ignitability, ASTM E162 surface flammability, ASTM E662 smoke density, ASTM E800 toxicity, ASTM E1321 lateral flame spread, ASTM E2067 full-scale heat release, and lithium-ion battery heat release/gas analysis testing)
- Passive fire protection (fire resistance, fire endurance) related testing and analysis
- Passive fire protection related drawing reviews
- Test laboratory maintenance and calibration
- Technical writing of test plans, test procedures, and test reports
- Government witnessing of fire tests in national fire test laboratories
- Writing and review of specifications and standards
- Some travel is required.

FPG is involved in significant amount of material fire performance testing which is necessary to establish requirements, specifications, and verification of passive fire safety of combustible materials used in the Navy today such as plastics, rubbers, foams, composites, paints, coatings, battery electrolytes, insulation, etc. FPG is currently involved in supporting almost all of the Navy's ongoing ship and submarine acquisition programs including DDG 1000, LHA-8, LCS, CVN, VIRGINIA, COLUMBIA, etc.

Please contact Mr. Usman Sorathia at 301-227-5588 for any questions. Resumes should be forwarded to usman.a.sorathia.civ@us.navy.mil

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