

Engineer

Description of Duties

Identify, develop, and enhance the science related to tobacco products, their use, and the resulting morbidity and mortality so that regulatory decisions will have the greatest impact on improving public health. Analyze and determine the adequacy of data and tests submitted by a manufacturer regarding tobacco product design and manufacturing. Prepare written synopsis of reviews of reports/applications with recommendations for revision, acceptance or rejection, and provide specific supporting reasons for the recommendation and any technical deficiencies requiring action by the manufacturer. Provide oral reviews of tobacco product design.

Qualifications

- (1) A degree in engineering from a curriculum accredited by the Accreditation Board for Engineering and Technology (ABET); or (2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics. A combination of education (coursework equivalent to a major) and experience may be considered.
- U.S. citizenship is required.

Education

An official transcript, unofficial transcript, or a list including courses, grades earned, completion dates, and quarter and semester hours earned may be required. If you are using education completed in foreign colleges or universities to meet the qualification requirements, you must show that the education credentials have been evaluated by a private organization that specializes in interpretation of foreign education programs and such education has been deemed equivalent to that gained in an accredited U.S. education program; or full credit has been given for the courses at a U.S. accredited college or university. For further information, click on: [foreign education](#).

Note: Please review each grade announcement for the specific qualifications and specialized experience.

Grade (Salary) Levels

Federal General Schedule (GS) grade levels at which Engineers are commonly filled are:

- GS-07 through GS-15 (\$44,941.00 to \$161,900.00 / Per Year)

Geographic Location

Engineers are located at FDA Headquarters in Silver Spring, MD