

Position Evaluation

Classification:

Interdisciplinary
GS- -14

PD#

Organization:

Division
Military and Technical Directorate
Technical Engineering and Construction Division

1. References:

- a. OPM PCS Mechanical Engineering Series, GS-0830, Jun 77
- b. OPM PCS Environmental Engineering Series, GS-0819, Apr 78
- c. OPM PCS Civil Engineering Series, GS-0810, Jun 66
- d. OPM PCS Electrical Engineering Series, GS-0850, Feb 71
- e. OPM PCS GGEG for Nonsupv Prof Engr Pos, GS-0800, Jun 72

2. Series and Title Determination:

Position serves as Senior Regional Engineer for all engineering aspects of Civil Works Programs throughout the Division with responsibility for providing technical expertise and regional interface for design, construction, and rehabilitation of a diverse range of projects. Performance of duties require knowledge and application of the physical sciences and mathematics as associated with the phenomena, principles, techniques and practices of a number of engineering disciplines of which no one is dominant, including Civil, Mechanical, Electrical, and Environmental Engineering. Position is determined to meet the criteria as “Interdisciplinary” classifiable to any of the following title and series designation: Civil Engineer, GS-0810; Environmental Engineer, GS-0819; Mechanical Engineer, GS-0830; Electrical Engineer, GS-0850.

3. Grade Determination:

Grade of the position is determined by comparison of duties and responsibilities with criteria as presented in 9 factor (FES) format for Mechanical Engineering, included as a part of the position description, and overall comparison with the GGEG for nonsupervisory engineering positions.

FES Evaluation:

Factor 1 – Knowledge Required by the Position	Level 1-8	1550 pts
Mastery in a specialty field of engineering capable of applying new developments and experienced knowledge and judgment in solving novel and obscure problems, develop new approaches for use by other engineers, etc. Exceeds level 7 of this factor in the ability to apply or develop practices and concepts beyond standard practices to new and novel work requirements.		
Factor 2 - Supervisory Controls	Level 2-5	650 pts

As recognized authority in a specialty field, working under only administrative supervision in resolving problems or providing advice and direction to field organizations in the resolution of obscure problems of which technical guidance may not be accessible or available.

Factor 3 – Guidelines Level 3-5 650 pts
 Broad and general guidance requiring development of new and/or improved methods and guidance for use by other engineers in the field.

Factor 4 – Complexity Level 4-5 325 pts
 Geographical area of Districts within states including a wide range of facilities of varied complex features, requiring ability to modify standard guides or develop new techniques for resolving issues or for application by others.

Factor 5 – Scope and Effect Level 5-5 325 pts
 Broad range of engineering activities in a large geographical area as described in above factor affecting work both within and outside the MSC.

Factor 6 – Personal Contacts Level 6-3 60 pts
 As described, including high level professionals or executives of other agencies and outside organizations.

Factor 7 – Purpose of Contacts Level 7-3 120 pts
 To influence, persuade, or negotiate agreements in addition to planning and coordinating work as included at lower level of this factor.

Factor 8 – Physical Demands Level 8-1 5 pts
 Primarily sedentary

Factor 9 – Work Environment Level 9-1 5 pts
 Primarily typical office environment

Summary: FES evaluation provides a total value of 3690 points, within the range of 3605-4050 points, which converts to GS-14 by application of grade conversion table.

GGEG for Nonsupervisory Professional Engineers: Under administrative supervision, involving coordination and review of broad programs containing a large amount of TYPE I (primarily conventional) GS-11 & 12 work being undertaken at numerous locations under various and diverse conditions; requiring modification or development of standard guidance for district application as provided for TYPE III assignments and responsibility pgs 18-20 of referenced standard, para 1.e. above. Substantially exceeds TYPE III assignments and responsibility as described at GS-13 level involving staff responsibility for reviewing and coordinating work in a narrow program area.

4. Conclusion:

Series and title of the position is determined as “Interdisciplinary” for assignment as provided in paragraph 2 of this evaluation. Overall grade of the position is considered justified at GS-14.