



MINIMUM QUALIFICATIONS I2C - ENGINEER

This document includes the following levels:

Class Code	Class Title
I2C11*	ENGINEER-IN-TRAINING I
I2C2T*	ENGINEER-IN-TRAINING II
I2C3**	ENGINEER-IN-TRAINING III
I2C4**	PROFESSIONAL ENGINEER I
I2C5**	PROFESSIONAL ENGINEER II
I2C6**	PROFESSIONAL ENGINEER III
I2C7**	PROFESSIONAL ENGINEER IV



TITLE: ENGINEER
 CLASS CODE: I2C

Title / Class Code by Levels	Education/ Licensure/ Certification / Experience	Substitutions
ENGINEER-IN-TRAINING I I2C11*	Bachelor's degree from an accredited institution in engineering.	Current enrollment as an Engineer-Intern by the Colorado State Board of Licensure for Architects, Professional Engineers and Professional Land Surveyors will substitute for the required degree.
ENGINEER-IN-TRAINING II I2C2T*	Current enrollment as an Engineer Intern by the Colorado State Board of Licensure for Architects, Professional Engineers and Professional Land Surveyors.	Current, valid licensure as a Professional Engineer from the Colorado State Board of Licensure for Architects, Professional Engineers and Professional Land Surveyors will substitute for the enrollment as an Engineer Intern.
ENGINEER-IN-TRAINING III I2C3**	<p>Current enrollment as an Engineer Intern by the Colorado State Board of Licensure for Architects, Professional Engineers and Professional Land Surveyors.</p> <p>One year of professional experience in an occupational field related to the work assigned to the position.</p>	<p>Current, valid licensure as a Professional Engineer from the Colorado State Board of Licensure for Architects, Professional Engineers and Professional Land Surveyors will substitute for the enrollment as an Engineer Intern.</p> <p>Appropriate education in addition to that required for enrollment as an Engineer Intern will substitute for the required experience on a year-for-year basis.</p>
PROFESSIONAL ENGINEER I I2C4**	Current, valid licensure as a Professional Engineer from the Colorado State Board of Licensure for Architects, Professional Engineers and Professional Land Surveyors.	None.
PROFESSIONAL ENGINEER II I2C5**	Current, valid licensure as a Professional Engineer from the Colorado State Board of Licensure for Architects, Professional Engineers and Professional Land Surveyors.	Appropriate education in addition to that required for the professional engineer license will substitute for the required experience on a year-for-year basis.

	Two years of professional experience in an occupational field related to the work assigned to the position, one of which must have been as a licensed professional engineer.	
PROFESSIONAL ENGINEER III I2C6**	<p>Current, valid licensure as a Professional Engineer from the Colorado State Board of Licensure for Architects, Professional Engineers and Professional Land Surveyors.</p> <p>Three years of professional experience as a licensed professional engineer, one of which must have been at the level of a unit supervisor, staff authority, or equivalent.</p>	Appropriate education in addition to that required for the professional engineer license will substitute for the required general experience on a year-for-year basis, but not the supervisory or staff authority experience.
PROFESSIONAL ENGINEER IV I2C7**	<p>Current, valid licensure as a Professional Engineer from the Colorado State Board of Licensure for Architects, Professional Engineers and Professional Land Surveyors.</p> <p>Four years of professional experience as a licensed professional engineer, two of which must have been at the level of a senior authority, manager, or equivalent.</p>	Appropriate education in addition to that required for the professional engineer license will substitute for the required general experience on a year-for-year basis, but not the staff authority or managerial experience.

The following is a summary of changes made to this minimum qualification.

Section / Paragraph	Change Description	Effective Date
Document	Part of the 2017 MQ Project New Format	September 1, 2017
ALL	Conditions of employment (COEs) have been removed from the minimum qualifications statement. COEs are position specific, and should be documented in the position description (PD) and job analysis. Further, all COEs should be placed in the Conditions of Employment section of the job announcement.	September 1, 2017
ALL	Standardized language regarding education and experience requirements.	September 1, 2017
I2C3** I2C5** I2C6** I2C7**	Made language consistent with a year-for-year approach to substitutions for both education and experience.	September 1, 2017
ALL	Removed language referring to “may be required”. Special qualifications can appear as a Special Qualification in the job posting, if justified in the position description and job analysis.	September 1, 2017
I2C5** I2C6** I2C7**	Revised experience requirement to remove reference to the previous level and clarified years of experience required.	September 14, 2017
ALL	Made grammatical changes.	November 2, 2017
ALL	Added, “Current” to the enrollment requirement for clarification.	November 3, 2017