

Submission Details

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Assignment 6.1: Engineering Ethics

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What are Omar's obligation under the given circumstances?

MODULE SUMMARY I CREATED BEFORE PROCEEDING TO THE QUESTIONS:

- As for the module's rules of practice and professional obligations, As stated, engineers shall hold paramount the safety, health, and welfare of the public. Once shall approve only those engineering documents that are in conformity with applicable standards. It is also stated that engineers shall not aid or abet the unlawful practice of engineering by a person or firm. And if any alleged violation of this code shall report thereon to appropriate professional bodies and cooperate with the proper authorities in furnishing such information or assistance as may be required.

Engineers shall be guided in all their relations by the highest standards of honesty and integrity. They shall advise their clients or employers when they believe a project will not be successful.

a. If Omar accepts the client's decision and continues to perform his services as an employee of the contractor.

- As stated for the module's rule and practice and professional obligations, Omar's continuing is ethically problematic. He should document his concerns, clearly communicate them to the employer/client. IF he accepts the decision without fully addressing his concerns, he may need to mark limitations or conditions on his work, or even refuse to sign off on parts that he has checked and considered unsafe.

b. If Omar continues to have concerns regarding this matter and decline further work on the project.

- as for Omar, The NSPE Code also states that if the engineer's professional judgement is compromised or if he is asked to engage in dishonest or irresponsible acts, Omar has the obligation to refuse or withdraw. If the client/contractor persists in the questionable decision, then ethically he may be justified or even required to decline the work. if he will continue to have concerns and declines further work on the project, It implies that Omar maintains integrity, uphold the code, avoids being part of an unethical or unsafe outcome. He does not mislead the public or all his name to be used where risks remain unresolved.