



# Engineering Ethics

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# **Ethics of the Engineers according to the Ethics of practicing the profession**

1. Self-Commitments
2. Obligations to the employer
3. Obligations to peer co-workers
4. Professional obligations

# Self- Commitments

- The engineer must have the information, qualification and experience necessary to practice the work whether acquired academically, practically or through practical courses.
- To develop his education and information methods in his field of specialization
- He must work exclusively in the fields that fall within his specializations in which he has experience and avoid practicing work that is not related to his specialization

# Self-Commitments

- He must avoid impersonating or impersonating qualifications, advantages or degrees that he does not possess.
- He must be prepared to take responsibility for his professional practice.
- He can insure against consequence and accidents beyond his control that occur during work and request compensation for them

# Self-Commitments

- The engineer's work and ideas must be based on scientific foundations, documented information, and sincere objective conviction, while following the specifications and requirements contained in the codes and specifications approved locally and internationally.
- Any studies and documents must not be approved unless they are confirmed to comply with the required engineering standards

# Self-Commitments

- The engineer must apply safety standards and carefully ensure the reliability of designs and the suitability of work methods, materials and products used in it.

# Self-Commitments

The engineer must do the following

- 1- show and prove his integrity and uptightness while practicing the profession
- 2- to act honorably and be trustworthy
- 3- commitment to honesty in word and deed
- 4- objectively when analyzing matters and refraining from discrimination for any reason
- 5- regulating emotions when dealing with others

# Self-Commitments

- 6- honesty and gaining the trust of others in various situations
- 7- humility among people and respect for all parties you deal with
- 8- loyalty to the entity you work with and the profession you practice
- 9- dealing fairly with his employees



# Self-Commitments

10- he must invest in his qualifications and abilities and have a leadership personality in situations that require this when practicing the profession.

11. It requires him to show a significant amount of willingness to work, exert his best efforts, and provide the best possible level of diligence in the work

12- the engineer must have the correct management methods and achieve effective highly productive managements

# Obligations to the employer

1. The engineer must act as an honest and reliable party and work honorably to gain the trust of the employer.
2. The engineer must ensure that he is qualified and competent to use the approved means to complete the work assigned to him
3. The engineer who works for employer must be reassured about his health condition and ability to work and must not be afflicted with a disease that effects his behavior and makes him unable to make decisions reliably.

# Obligations to the employer

5. The engineer must work effectively and diligently and provide the necessary advice to the employer.
6. He must provide the necessary clarifications to the employer for the purpose of understanding and evaluating the service provided.
7. He must protect the employer's interest

# Obligations to the employer

8. He must notify the employer when his professional obligations conflict with protecting the employer's interest.
9. The employer should be advised to develop the business
10. The engineer must acknowledge that all designs, studies and ideas he submitted are the property of the employer.

# Obligations to the employer

11. He must provide advice to the employer if needed and consult other engineers.

12. The engineer may not receive any additional wages other than his wages stipulated for the work he performs, from which the employer obtains a benefit.

13. The engineer must maintain the property, assets and tools belonging to employer and who is authorized to use them, and he may not dispose of them for a purpose other than for which they were allocated or use them for his own account.