



اتحاد المهندسين العرب



Federation of Arab Engineers

**Federation of Arab Engineers**

**Arab Commission for the Qualification and  
Accreditation of Engineers**

**Code of Ethics**



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## Introduction

In their professional lives, Arab engineers are faced with various relationships which vary in their importance and complexity. They include personal, professional environmental, societal, national and humanitarian issues that require engagement and solidarity to achieve success whilst in accordance with ethical standards that envisage honesty, trustworthiness, and mastery of the necessary skills in their respective fields. The following are the fundamental principles and canons of the types of interactions that Arab engineers are faced with in their professional lives, which vary in relation to relevant laws and legislations that govern the engineering profession and code of conduct in each Arab country. Engineers are not only expected to carry out their work competently and skillfully, but to be aware of the broader ethical responsibility and social implications of engineering and engineers. Understanding the impact of engineering solutions in a global and societal context is crucial to every individual Arab engineer.

## Vision

The Arab engineer works and innovates in a stimulating and safe environment while adhering to the highest professional standards.



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## Mission

Leading the engineering professional field while abiding by the upmost professional practices governed by universally agreed upon Arab principles, moral standards and ethical obligations.

## Values

- Integrity and Trustworthiness.
- Professionalism.
- Impartiality and Objectiveness.
- Leadership.
- Entrepreneurship & Innovation.

## Definitions

- **Code of Ethics:** Principles encompassing ethics and professional standards, which engineers are expected to adhere to in the fulfillment of their professional duties while preserving the reputation and integrity of the profession.



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- **Professional Practice(s):** Engaging or practicing in engineering related work in any of the engineering disciplines or specializations stipulated by law.  
They include but are not limited to; studies, designs, illustrations, plans, specifications and details with the intention of implementing, or supervising whoever is entrusted to implement, maintain or operate.
- **Engineer:** A registered member in an official engineering association, body or authority in a certain country, and a practitioner of the engineering profession.
- **Engineering Firm:** A firm; company or office providing consulting or professional services to clients, and is governed by the engineering laws and principles in its country of practice.
- **Engineering Authority:** An approved union, association or body with the authority to register and accredit engineers and engineering firms, enabling them to practice the profession in Arab countries.
- **Employer:** The owner, partner or the manager, who is legally responsible for the engineering company; firm or office that practices the engineering profession.



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- **The Client:** The public or private individual(s) or firm(s) or institution(s) who assigns the employer or the engineer to design or supervise a project.
- **Intellectual Property:** Intangible properties or assets that enable an individual(s) to earn recognition or financial benefit from what was invented or created.

## Code of Ethics Principles

### 1- Engineers' Personal Obligations

#### Engineers' personal obligations built on Principles, Ethical Values and Morals

- 1-1 Engineers shall act with dignity and pride in their practice.
- 1-2 Engineers should conduct themselves honorably, responsibly, ethically, and lawfully to uphold the reputation of their profession.
- 1-3 Engineers recognize that the primary motives of their professional obligations center around moral responsibility and professional conscience.
- 1-4 Engineers recognize the value of honesty and integrity in their professional engagements; they act and associate themselves with reputable individual(s) or firm(s) that do not tolerate bribery, fraud, or corruption.



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- 1-5 Engineers continue their professional development throughout their careers; they continuously engage in professional practices and seek advancement of their knowledge and skills in their respective fields.
- 1-6 Engineers with knowledge regarding a potential legal violation need to ensure that they take action by informing the relevant professional bodies and authorities, and encourage others to do the same.
- 1-7 Engineers uphold the highest standards of conduct in their professional engagements. They do not engage in discrimination regardless of race, religion, gender, or nation or origin.

### **2- Engineers' Relationship with their Colleague(s)**

**The Engineers' relationship with their colleague(s) is essential for an effective and productive work environment.**

- 2-1 Mutual respect between colleagues.
- 2-2 Engineers honorably compete with their colleague(s); they do not tolerate unprofessional, unlawful, or unfair competition(s).
- 2-3 Engineers respect differing opinions, and they offer honest and respectful criticism without belittling the work or ideas of others.
- 2-4 Engineers do not act maliciously towards other engineers or their work, they do not attempt to harm the professional reputation of their colleagues.



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- 2-5 Final judgement should be based on engineering principles and standards in the case of differing opinions or disputes.
- 2-6 Engineers support their colleagues in their professional development.
- 2-7 Engineers do not contract a project that already has been contracted with another engineer; unless the contract was nullified in writing by either party or the contracted engineer's performance is poor or unacceptable.
- 2-8 Engineers should adhere to all intellectual property rights of their colleague(s); they do not use, circulate, or print any of their colleague(s) intellectual property without written consent of the owner (colleague).

### **3- The Engineers' Relationship with their Employer/ Engineering Firm**

**This relationship must be built on mutual trust between the engineers and their employer/engineering firm, and it is crucial for mutual development and success.**

- 3-1 Engineers respect the employment contract, code of conduct, employer's policies, and superior's directives.
- 3-2 Engineers maintain confidentiality of the employer or the engineering firm's proprietary data and information.
- 3-3 Engineers maintain the engineering firm or the employer's reputation by leading and acting with integrity.



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- 3-4 Engineers deliver work with sincerity and honesty, and not exploiting the engineering firm or employer for personal benefit.
- 3-5 Engineers respect the intellectual property of their employer or engineering firm
- 3-6 Engineers exercise restraint and maintain professional conduct in the case of any conflict or dispute.
- 3-7 Engineers maintain the properties and assets of the engineering firm or employer
- 3-8 Usage of the engineering firm's facilities or equipment is not permitted for any reason other than the engineer's professional duties within the firm, unless special permission is granted
- 3-9 Engineers do not monopolize the engineering firm's knowledge.
- 3-10 Cooperation with colleague(s) in the engineering firm is crucial.
- 3-11 Partners in an engineering firm maintain transparency and integrity with all their fellow partners in the firm; they shall work and actively participate with other partners to improve the performance of their firm.



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#### **4- Engineering Firm's Employer Relationship with other Engineering Firm(s)**

**This relationship proposes professional integration, and advocates for problem resolution in a civilized and professional manner without resorting to defamation.**

- 4-1 Ensure fair competition with other firms; competition must be based on merit and competence.
- 4-2 Parties working on the same project should exert effort to maintain cooperation amongst the parties involved; this ensures growth and maximizes the project's value.
- 4-3 Final judgement should be based on engineering principles and standards in the case of differing opinions or disputes between parties
- 4-4 Firms should refrain from defaming rivaling firms, and should ensure mutual respect between them.



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**5- Engineers' Relationship with Relevant and Complementing Firms in their Field (Construction, Industrial, Commercial, etc.)**

**Practicing objectivity, professionalism, and impartialism when comparing the financial and technical offers presented by relevant complementing companies competing for a contract**

- 5-1 Engineers practice impartiality when approaching contracts with competing companies, and choose the company best fit for the required service
- 5-2 Engineers' personal benefit should be an irrelevant factor when considering contracts with competing companies.
- 5-3 Engineers must act professionally and objectively when dealing with relevant and complementing companies.
- 5-4 Engineers seeking employment must present themselves with appropriate conduct consistent with the dignity and integrity of their profession.
- 5-5 Engineers seeking employment must ensure the accuracy, clarity, and objectivity of the services they are providing or advertising.
- 5-6 Engineers avoid conflict of interests with all parties when partaking in a project or service.
- 5-7 Engineers ensure commitment to neutrality when engaging with a contracted party.



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### **6- Relationship between the Engineer(s) & the Client**

**The Engineer-Client relationship must be based on trust and integrity; the Engineer needs to demonstrate exceptional skills and a distinguished service.**

- 6-1 Engineers ensure the confidentiality of the client's information and data.
- 6-2 Engineers interact honestly and transparently with the client, and refrain from promising work or services that cannot be implemented or delivered.
- 6-3
- 6-4 Engineers deliver high quality work and services that serve the professional needs of the client, and provide the most appropriate solutions that encompass technical, environmental, and economical needs.
- 6-5 Engineers exercise professionalism and ensure clarity.
- 6-6 Engineers should perform services only in areas of their competence and field of expertise.
- 6-7 Engineers do not provide services for projects that violate any legislation or law.
- 6-8 Engineers should Adhere to and implement the terms of the contract signed with the client.



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**7- Engineers' Work Ethic (Engineers' Responsibility Towards their Work)**

**Knowledge, scientific understanding and creativity are required when effectively solving engineering and environmental problems.**

- 7-1 Engineers adhere to the relevant and agreed upon codes
- 7-2 When providing work, engineers seek the most appropriate and accurate technical and economical means
- 7-3 Engineers employ creative capabilities in the respective work or project
- 7-4 Engineers pave the path for effective knowledge transfer and transmission of information.
- 7-5 Engineers adhere to objectivity and ensure accuracy in their work.
- 7-6 Engineers avoid intellectual property infringement.



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**8- Engineers' Relationship with the Relevant Engineering Authority or Body Affiliated with.**

**This relationship is the defining point for building an Engineer's professional reputation, and it relies on the commitment and professional practices of the Engineer.**

- 8-1 Engineers adhere to the engineering authorities' laws and regulations.
- 8-2 Engineers should support the efforts of the engineering authorities in the interest of the engineering profession.
- 8-3 Engineers exert effort to ensure the continuous development of the engineering authorities.
- 8-4 Engineers attend and encourage participation and interaction with the engineering authorities' activities and events.



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### **9- Engineer's Societal Responsibility**

**Professional Engineers recognize their role in the community, and the importance of improving the lives of their community by aiding in the implementation of impactful solutions in their fields of expertise.**

- 9-1 Engineers seek the welfare and prosperity of the community.
- 9-2 Engineers participate in voluntary social work within the community.
- 9-3 Engineers support and participate in the community's cultural activities, arts, and sports.
- 9-4 Engineers employ engineering expertise in the interests of the community.
- 9-5 Engineers raise public awareness of the engineering profession.
- 9-6 Engineers refrain from the misuse of social media.
- 9-7 Engineers acknowledge and respect the diverse historical, social, and cultural needs of the community.
- 9-8 Engineers impact the community positively, and aid in the economic and social improvement of the community.
- 9-9 Engineers strive to protect the environment by adhering to environmental protection legislations.



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**10- Engineers' Relationship with the Environment and Obligation  
Towards Sustainability Development and Occupational Health & Safety**

**Engineers need to employ their expertise and knowledge to effectively serve their community and promote environmental sustainability, while adhering to occupational health and safety procedures.**

- 10-1 Engineers abide by environmental legislation and employ environmental and occupational health and safety codes.
- 10-2 Engineers maintain a clean and healthy environment.
- 10-3 Engineers refrain from proposing or implementing solutions or services that harm the environment.
- 10-4 Engineers avoid the exploitation of natural resources.
- 10-5 Engineers rely renewable energy sources.
- 10-6 Engineers increase the use of eco-friendly products.
- 10-7 Engineers encourage recycling.
- 10-8 Engineers implement energy-conserving & environmentally friendly engineering solutions.
- 10-9 Engineers maintain procedures to insure occupational health and safety.
- 10-10 Engineers raise awareness of the importance of occupational health and safety.
- 10-11 In the event of potential violation of occupational health & safety. Engineers take prompt action.



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### **11- Engineer's Relationship with Regulations and Laws**

**This relation is based on the commitment and adherence to the constitution and laws of the country of employment.**

- 11-1 Engineers abide by the constitution, laws, and legislation of the country of employment.
- 11-2 Engineers maintain respect, integrity, and impartiality when providing a consultation or service that relates to the laws, regulations, and legislations of the relevant country.
- 11-3 Engineers notify relevant authorities of any violation of the legislations, laws, or codes that govern the engineering profession.

### **12- Engineer's Relationship with Labor Laws**

**Labor laws exist to support and regulate the relationships between individuals or between individuals and relevant entities, Adherence to the relevant laws ensure justice and security within the community.**

- 12-1 Engineers adhere to the relevant labor laws.
- 12-2 Engineers respect workers' rights and empower their workers.
- 12-3 Engineers do not engage in labor exploitation or child labor.
- 12-4 Engineers urge employees to adhere to the relevant professional ethics.



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12-5 Engineers empower employees and provide them with opportunities to further develop their work ethic, skills, and technical knowledge.

### **13- Engineers' Obligation to their Country, Nation and Towards Humanitarian Issues**

**An Engineer is part of the scientific and professional community. Engineers have an obligation to help advance their country's interests, and employ their knowledge towards advancing humanitarian issues.**

- 13-1 Engineers are proud of their country and represent it well.
- 13-2 Engineers act in the interest of their country and help preserve its unity.
- 13-3 Engineers work to improve the citizens' lives, and help advance the quality of urban life.
- 13-4 Engineers advocate for the nation's issues, embody its values and principles, and help unify the nation.
- 13-5 Engineers Defend human dignity and freedom, affirming its rights and respecting human values.
- 13-6 Engineers promote peace and harmony with other nations.
- 13-7 Engineers aid nations that are frequently subject to natural disasters and suffer from crisis.
- 13-8 Engineers preserve national heritage by all necessary means and fields.