




BRINGING THE WORLD OF CONSTRUCTION TO EGYPT
2 - 4 SEPTEMBER 2019, 11:00 - 19:00 DAILY | EGYPT INTERNATIONAL EXHIBITION CENTER

How do HVAC Engineer utilize the technical Specifications & Standards and International Codes to enhance the new HVAC Projects.

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Objective :



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- What is the importance for the HVAC Engineer to be aware of Code & Standard and Specs?
- The motivator and the need ?
 - a- To find a reference , a guideline , a rule ; a road map
 - b- compatible technically with all of our project requirements
 - c- Should be respected by all of us (owner & consultant & contractor)

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Preparation of Successful HVAC Engineer :



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- Attend specific training courses & Accredited workshops
- Study well all the technical relevant documentations of the project.
- Attend all the preparatory meetings in design office & site office earlier.
- To be aware of all the approval procedures.

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Clarifications of Code , Standard and Specs:



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- **Code** : Is a standard that has been adopted by a governmental bodies and has the Force of law

Examples: IBC, IRC, IMC, IFC, SBC,

- **Standard** : A set of technical definitions and guidelines-“how to do ” instructions for designers and manufacturers., defining quality and establishing safety criteria.

Examples- ASTM standard, ISO standard and Aramco Standard

- **Specification** : A specific description of the design and materials used to make something. They are set of instructions and/or requirements over and above requirements given in Code & Standard. Must meet requirements

Examples- Company Provided specification, Product specification

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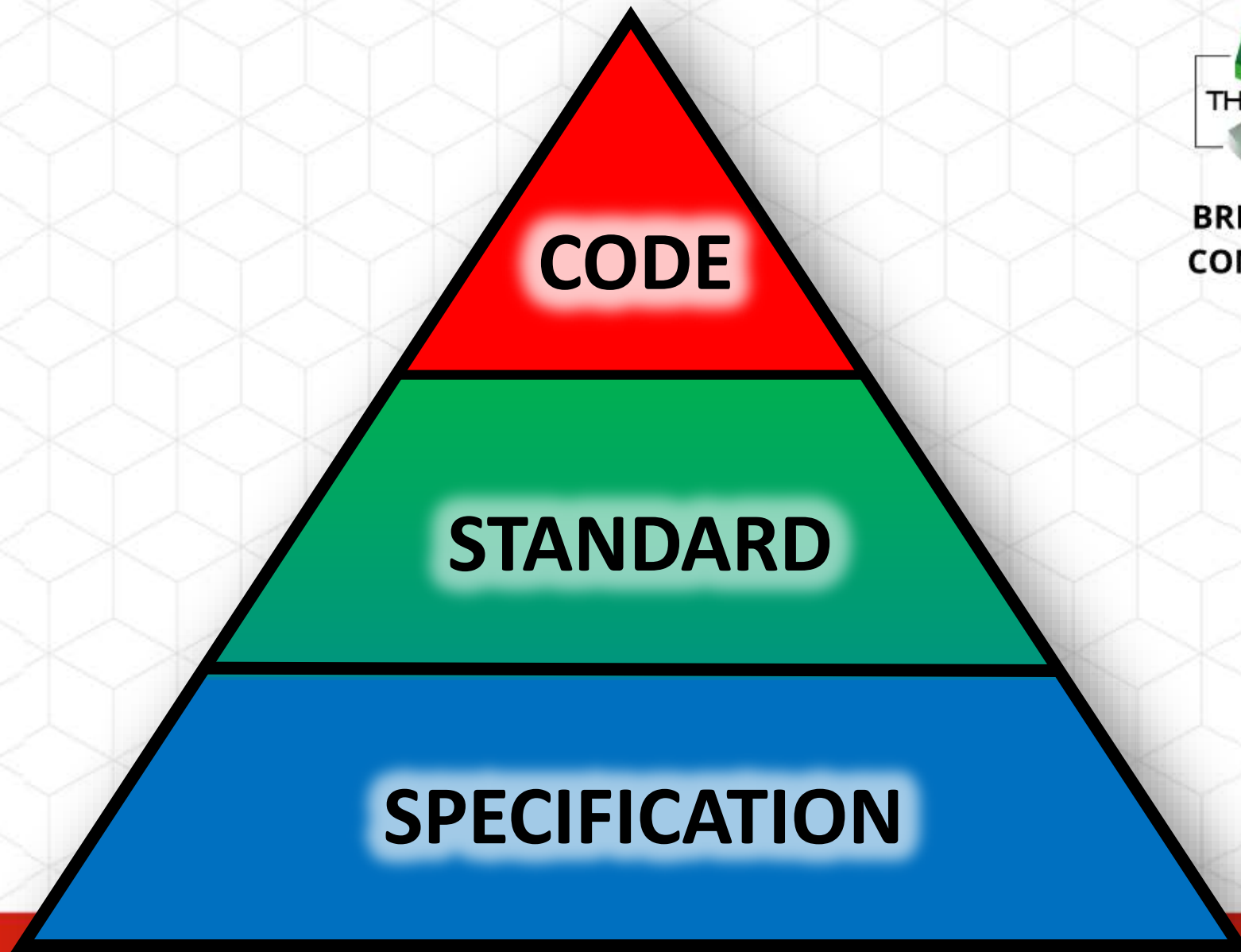
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ICC ; International Code Council :



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Abbreviations :



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American Welding Society



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Steps of utilizing the Technical Specifications & Standards and International Codes to enhance the new HVAC Projects :



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- Study well all the relevant design drawings of the new Project to select well All the required technical references .
- Prepare well the contract technically & financially to confirm in a fair way that your project could be executed smoothly and smartly well.
- Select well all the technical team of the project who are more qualified to do it efficiently.
- Follow up in a frequently way the approved technical submittals of the executing works steps / process to confirm how all the concerned persons are respecting the project technical references and stick to the specs.
- Try to correct any deviations earlier and smartly.

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Q & A

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Thank you for attending

Email questions to ; mmaecg.ibrahim3@gmail.com

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