



4- Quality & testing

On Engineering Field

Training programs in the field of household electrical laboratory

<u>Ser.</u>	<u>Course Name</u>	<u>Duration</u>	<u>Price</u>
1	Safety requirements of household and similar electrical appliances - Particular requirements for electrical kitchen machine (blender-mixer-egg beater)	3 days	400 \$
2	Safety requirements for household and similar electrical appliances - Particular requirements for fans (part 2) & electric ventilating fans Electric circulating fans and regulators (part:1) Performance requirements and construction	3 days	400 \$
3	Electric circulating fans and regulators (part:1) Performance requirements and construction	3 days	400 \$
4	Safety of household and similar electrical appliances Particular requirements for electrical irons	3 days	400 \$
5	Safety requirements for household and similar electrical appliances Particular requirements for washing machines	3 days	400 \$
6	Safety of household and similar electrical appliances Particular requirements for room heaters	5 days	600 \$
	Electrical storage water heaters for household purposes methods for measuring the performance		
	Energy efficiency of household and similar electrical appliances Methods for measuring and calculation energy consumption for electric water heaters		
7	Safety requirements for household and similar electrical appliances Particular requirements for electrical storage water heaters	3 days	400 \$

Training programs in the field of electrical tests

<u>Ser.</u>	<u>Course Name</u>	<u>Duration</u>	<u>Price</u>
1	Practical training courses on the measurements and tests electrical components and electrical products such as: cables, switches, lamps,.....Etc.	5 days	600 \$
2	Training course for practical applications for conformity products and components of the standard specification. The course includes: • Definition of specifications • practical application on a component or product • Visit producing factories.	5 days	600 \$
3	Safety requirements for products and electrical components (such as cables, switches, lamps, washing machines, refrigerators ...)	5 days	600 \$
4	Methods of verification and inspection of components, electrical and electronic products through the various stages of production, such as: (refrigerators, televisions, lamps,)	5 days	600 \$
5	Electrical safety requirements for toys	5 days	600 \$
6	Definition of the requirements of the safety and security European CE MARK	5 days	600 \$
7	Identify the components of self-ballast lamps (energy-saving) and all of Types.	5 days	600 \$
8	Testing methods for performance tests of the self-ballast lamps (energy-saving) and all of Types, according to the requirements of the standard specifications. ES 3584/2005	5 days	600 \$
9	Testing methods for safety tests of the self-ballast lamps and all of Types ascertaining to the requirements of standard specifications. ES 3585/2005	5 days	600 \$
10	Testing methods for energy efficiency tests of the self-ballast lamps and all of Types, according to the requirements of the standard specifications. ES 6313/2009 & IEC 61000-3-2	5 days	600 \$
11	Identify the latest testing equipment and methods of operation in accordance with the Egyptian standard specifications and the international standard.	5 days	600 \$
12	Practical application on how to conduct inspections and tests on all of Types of self-ballast lamps and analysis of test results	5 days	600 \$

<u>Ser.</u>	<u>Course Name</u>	<u>Duration</u>	<u>Price</u>
13	Identify on tungsten lamps and all of Types.	5 days	600 \$
	Testing methods for performance tests for tungsten lamps and all of Types, according to the requirements of the standard specifications. ES 27.	5 days	600 \$
14	Testing methods for safety tests for tungsten lamps and all of Types, according to the requirements of the standard specifications. ES 5048.	5 days	600 \$
15	Identify the latest testing equipment and methods of operation in accordance with the Egyptian standard specifications and the international standard.	5 days	600 \$
16	Practical application on how to conduct inspections and tests on tungsten lamps and all of Types.	5 days	600 \$
17	Identify the types of fluorescent lamps	5 days	600 \$
	Identify specific extensions run fluorescent lamps such as the types of lamp holders for lamps and starters.	5 days	600 \$
18	Testing methods for performance tests for all types of fluorescent lamps , according to the requirements of international standard IEC 60081.	5 days	600 \$
19	Testing methods for safety tests for all types of fluorescent lamps according to the requirements of international standard IEC 61195.	5 days	600 \$
20	Identify testing Equipments and methods of operation according to the standard specifications Egyptian and international	5 days	600 \$
21	Practical application on how to conduct inspections and tests on all types of fluorescent lamps	5 days	600 \$
22	Identify the types of liquid batteries	5 days	600 \$
	Identify specific extensions operation liquid batteries.	5 days	600 \$
23	Identify the latest testing equipment and methods of operation according to the Egyptian standard and international standard .	5 days	600 \$
24	Explain the methods of examinations and tests according to the requirements of the standard specifications. ES 21 & IEC 60095.	5 days	600 \$
25	Practical application to conduct inspections and tests on batteries and how they are implemented by companies producing plants.	5 days	600 \$

Training programs for domestic petroleum appliances lab

<u>Ser.</u>	<u>Course Name</u>	<u>Duration</u>	<u>Price</u>
1	- Domestic cooking appliances for use with liquefied petroleum gases at 30 cm. pressure or natural gas at 20 cm pressure	3DAY	400\$
2	- Gas – fired instantaneous water heaters for the production of domestic hot water , fitted with atmospheric burners .	3DAY	400\$
3	- Domestic bakery ovens for use with Liquefied petroleum gases	3DAY	400\$
4	- Domestic lighting appliances using liquefied Petroleum gases	3DAY	400\$
5	- Aluminium utensils	3DAY	400\$
6	- Stainless steel cookware	3DAY	400\$

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