

CURRICULUM VITAE

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Ministry of Housing ,Utilities and Urban Communities

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Tasks in summery

1- works in Sanitary and Environmental Engineering Institute in Housing and Building National Research Center which shares in:

- preparing all the Egyptian codes of practice , responsible for the design and the executing of water , wastewater networks, treatment plants and plumbing fixtures and systems inside buildings.
- Executing the required tests on the different kinds of pipes used in water and wastewater networks according to its standard specifications and prepare technical reports.

2- Supervisor of Lab staff responsible for executing tests on different kinds of pipes.

3-Member in updating the Egyptian code of practice for design basics and executing conditions of the pipelines used in water and wastewater networks.

4- Member in preparing the arabian code of practice for plumbing fixtures inside buildings.

5-Member in preparing the ministril decisions responsible for using the different kinds of pipes in water and wastewater networks and put the main basics for choosing suitable kind of pipes according to the project circumstances.

6- Member in supervision committee of projects which include moles, under ground garages, cinemas etc for water , wastewater and firefighting networks.

7 - Member in updating the Egyptian code of practice for design basics and executing conditions of water and wastewater treatment plants.

8-committee member supervising the study materials vital to study how to develop the level of sewage Balagame and revert to the West Bank loan.

9-Member Supervisory Committee to study the use of materials vital to improve the efficiency of Abu Rawash primary station.

10- Preparing the design works for water, wastewater, firefighting, networks and storage works for small industrial projects located in Ismalia, Kana,, Asafra, Sohag Gubernates and these projects are followed to the ministry of Industry.

11- Preparing the design works for the treatment compact units for the previous projects

12- Sharing in evaluating the technical tenders of the treatment compact units for the previous projects

13- Sharing in preparing Bill of quantities and technical specifications for the previous projects

14- Preparing the design works of the plumbing systems for the Youth Housing projects which are followed to Ministry of Housing ,Utilities and Urban Communities

15- Preparing the design works of the plumbing systems for the buildings of Ministry of Environment Awaqaf in Hurgada, Elqosar, Farafra and Rasmohamed

16- The Consultant of Elnasr company for Housing for water , wastewater and firefighting network design works , including Elmeageh city , high and middle highlands, the future city and all are located in Elmokattam city including preparing bill of quantities , technical specifications and shop drawings(from 2004 until 2006)

17- Design Supervision of (Build your House) projects for water and wastewater networks in 6 th of October, Badr , Benisuef, etc cities which are followed to Ministry of Housing ,Utilities and Urban Communities

18- Design Supervision of (desert secondary villages) projects for water and wastewater networks in Benisuef, Sohag, Assuit, Kena, Gubernates which are followed to Ministry of Housing ,Utilities and Urban Communities

Practical experience:

1- In the field of quality control on the types of pipes in drinking water systems and sanitation:

- To conduct and supervision of all tests conducted on the pipes used in the area of drinking water and sewage pipes including vetrified clay pipes ,concrete pipes, Gray cast iron , plastic pipes and (GRP) pipes according to standard specifications for the following :

- National Authority for drinking water and sanitation.
- construction companies.
- companies produce pipes.

2- In designing networks drinking water and sanitation:

- Network design water supply and sanitation project for residential buildings at tameiah -Fayoum - (Housing agricultural).

- Design sewerage network for Elebour market Building

- Design drinking and sanitary networks for young housing projects of different cities.
- Design of drinking and sanitary networks for Cultural Palaces.
- Consultant of ElNasr Company for Housing from 2004 - 2006 in projects, drinking water and sewerage.

- The re-examine the design and oversee the implementation of a project for sewerage and villages Bernesht and Mousse mosque Giza Governorate
- Preparing Technical reports on the tests necessary to verify the validity of pipes used in drinking water systems, sanitation and include varieties (vetrified clay pipes ,concrete pipes, Gray cast iron , plastic pipes and (GRP)

- Design of water supply and sanitation, networks for Abattoir in western Elshopak followed to Directorate of Housing and Public Utilities Giza Governorate .
- Preparing technical report on the treatment of seepage and leakage of Leaders Preparation Building - The Ministry of Administrative Development
- Preparing technical report on the treatment of seepage and leakage of buildings employees Cairo University.
- Technical report for the treatment of water seepage being of Garages of apartment numbers (2045, 2047, 2049, 2051) king: Nasr Company for Housing and Reconstruction
- Technical report on the treatment of seepage and leakage of buildings role of youth affiliated to the Ministry of Social Affairs.
- Technical report on the treatment of seepage and leakage of building market-transit Directorate of Housing and Public Utilities Cairo.
- Technical report on the audit of the design and implementation of drinking water systems and sanitation, drinking, fire and sanitary works for Badr village in northern.
- Certified Consultant of Engineering Syndicate in the field of sanitary engineering in hydraulic design of drinking and wastewater networks and plants **since 2014.**

- **Consultant of Hydro. Environmental &Infra structural studies in the field of structural calculations for all kinds of pipes especially national projects such as Misr Future , Aldabaa since 2019 till now**

Education

Ph.D in the civil Engineering- Faculty of Engineering- Cairo University

Title of Thesis:

The Optimization of Highly and Lowly Loaded Stages of the Adsorption”

Biooxidation system for organic Matter, Nitrogen and Phosphorus Removals

Master of Science in the Civil Engineering- Faculty of Engineering- Cairo University

Title of Thesis:

Effect of Temperature Changes on Biological Treatment by Activated Sludge”

Processes without using Primary Settling

B.Sc Civil Engineering - Ain Shams university, Sanitary Engineering Project , year 1991