

## CURRICULUM VITAE



### (A) Personal Details :

*NAME :* Sahar El Sayed Zakey Flaha  
*NATIONALITY :* Egyptian  
*SEX :* Female  
*DATE OF BIRTH :* 20-03-1965  
*MARITAL STATUS :* Married  
*LANGUAGES SPOKEN :* Arabic and English  
*PERMENANT ADDRESS :* 5 Ebn Kaldon street, 3rd floor, apartment 6,  
El Msaken El Tawenia, Zagazig, Egypt .  
Tel. : 055 2362138, 055 2320993  
Mobile: 01001078233  
E-mail address: [saharzakey@hotmail.com](mailto:saharzakey@hotmail.com)

### (B) Qualifications :

- Bachelor of Science, Civil Engineering, 1989, Zagazig University, Egypt.
- Diploma in Engineering Materials, 2003, Zagazig University, Egypt.
- Master of Science, Civil Engineering (Materials Engineering), 2009, Zagazig University, Egypt, Title of thesis: "Short and Long-Term Properties of Silica Fume High Strength Mortar".
- Degree of Doctor of Philosophy in Engineering Sciences, Civil Engineering (Materials Engineering), 2017, Zagazig University, Egypt, Title of thesis: "Recycling of Some Types of Natural and Industrial Wastes in the Production of Building Bricks".

### (C) Professional Career :

- Civil Engineer, El Sabban for Investment, Cairo, Egypt, 1993-1998
- H.T.I , 10<sup>th</sup> of Ramadan City, Egypt, Oct 2009 – Mar 2010
- H.T.I , 10<sup>th</sup> of Ramadan City, Egypt, Oct 2011– till now

### (D) Published Work :

- Khalil , H. S., Ahmad, S.A., Abdin, E. M., and Zakey, S.E., "Effect of Silica Fume on The Mechanical Properties of High Strength Mortar" , The Egyptian International Journal of Eng. Sciences & Technology, Zagazig University, Zagazig, Egypt, December 2008.

- Khalil , H. S., Ahmad, S.A., Abdin, E. M., and Zakey, S.E., “ Long Term Mechanical Properties of High Strength Silica Fume Mortar Using Accelerated Ageing” , Engineering Research Journal , Minoufiya University , Shebin El-Kom , Egypt. september-2009.
- Ahmed S. A., Metwally M.A. and Zakey S. E., “Assessment of Ceramic Tiles Sludge as a Brick Manufacturing Material”, International Journal of Engineering Research & Technology (IJERT), Vol. 5, Issue 10, October-2016.
- Ahmed S. A., Metwally M.A. and Zakey S. E., “Utilizing Industrial Waste-water as Alkali Activator in Sand-Cement Kiln Dust Bricks”, Construction and building materials, Vol. 182, Issue 10, September 2018, Pages 284–289
- Hamdy A. Abdel-Gawwad, Mona S. Mohammed , Sahar E. Zakey, PhD, “Preparation, performance, and stability of alkali-activated-concrete waste-lead- bearing sludge composites” , Journal of Cleaner Production, Vol. 259, 120924, , 20 June 2020, .