

CURRICULUM VITAE



Personal Data

Name: Abdulbaset Abdalla Etturki.

Data and Place of Birth: 15/12/1954, Tripoli.

Nationality: Libyan.

Languages: Arabic (Native language)/ English .

e-mail: et.turki@hotmail.com.

Phone: 00218912110962 / 00218927144883

Date: December 2018.

Education and academic achievements:

Professor: Civil Engineering, University of Tripoli, Libya.

Ph. D. Degree: Civil Engineering, University of Saskatchewan, Saskatoon, Canada, 1993.

Theses: New Image Processing Method for measuring the Air Entrainment of Concrete.

M. Sc. Degree: Civil Engineering, University of Saskatchewan, Saskatoon, Canada, 1986.

Theses: New Method for measuring the workability for Zero Slump Concrete.

B. Sc. Degree: Civil Engineering, University of Tripoli, Libya, 1979.

B. Sc. Project: Design and analysis of multistory Building (10 floors).

Summer course (Reliability of structure analysis): University of Purdue, Indiana, USA, 1980.

Teaching courses:

1. Building materials (CE264).
2. Properties of materials (CE133).
3. Building construction (CE462).
4. Reinforced concrete I (CE305).
5. Structural analysis I (CE203), II (CE303) and III (403).
6. Mechanics of solid (CE301)
7. Statics (GE122).
8. Advanced concrete technology elective (CE564).
9. Graduate, advanced concrete technology (CE697).
10. Graduate, engineering analysis (Parameter estimations CE697).
11. Graduate, advanced concrete technology (CE664).
12. Graduate, repair of concrete structures (CE665) .

Published Research Papers and seminars:

1. "New Image processing method for measuring air entrainment of Concrete", ConChm, Brussels, Belgium, 1995.
2. "New Image processing method for measuring porosity of Concrete", presented only, ConChm, Brussels, Belgium, 1995.
3. "A new method for measuring permeability of concrete", (Accepted abstract), Dundee Congress on Concrete, Dundee, UK, 1996.
4. "New method for measuring workability of zero slump concrete", 4th International Conference Concrete for Development countries (ICCTDC), Cyprus, 1996.
5. 'The effect of Tripoli tap water on corrosion reinforcing steel', 4th International Conference Concrete for Development countries (ICCTDC), Cyprus, 1996.
6. "The effect of process construction on the beams and slabs concrete properties", The Arab Conference for Structures, Amman, Jordan, 2001.
7. "The Effects of Transportation Time on the properties of Concrete in Libya", The First National Conference on Construction and Engineering Structures, Brak, Sebha, Libya, 2002.
8. "Tow-stage concrete with Local Materials", 7th International Conference Concrete for Development countries (ICCTDC), Melisa, 2004.
9. "The Effects of Chemical additives on the Properties of Concrete", The Second National Conference on Construction and Engineering Structures, Khoms, Libya, 2004.
10. "The effect of process of column and foundation construction on the properties of concrete", 3rd Arab Conference on Construction and Engineering Structures, Amman, Jordan, 2004.

11. "Slag in Tow-stage Concrete", 8th International Conference Concrete for Development countries, Algeria, 2006.
12. "The effect of process of column and foundation construction on the properties of concrete", The Second Conference for Construction at the Sea shore Areas , Khoms, Libya, 2008.
13. Seminar about repair of cracks sponsored by Sika Egypt, 2000.
14. Seminar about the use of Sika products for contractors working in Musrata, 2002.
15. Seminar about the use of BASF-MBT products for several contracting companies around Tripoli, sponsored by BASF-MBT, 2007.
16. Seminar about mix design of concrete mixtures and the process of making concrete in mixing plants, Almaraky Company, 2008.
17. Several Seminars about the use of BASF-MBT to many contactors around Libya, 2006-now.
18. "A new device to measure the workability and to indicate the early strength of fresh concrete", accepted paper, CSCE conference, Montreal, Canada, 2013.
19. "The Relationship between the density and strength of concrete", accepted paper, CSCE conference, Montreal, Canada, 2013.
20. "Fine materials effect on self compacting concrete strength", accepted paper, CSCE conference, Montreal, Canada, 2013.
21. "Experiments on the Ductility behavior of Self-compacting concrete (SCC)", accepted Abstract, CSCE conference, Regina, Sask., Canada, 2015.
22. "The Relationship between Strength and Porosity of SCC with Fine Materials", accepted paper, CSCE conference, Regina, Sask., Canada, 2015.

Supervising of M. Sc. Projects:

1. Eng. Wagdan El-kateb, "New method for measuring workability of concrete in Jules", University of Tripoli, 1996.
2. Eng. Mahmoud Bshaina, "The effect of local mixing water on reinforcement corrosion rate and activity", University of Tripoli, 1997.
3. Eng. Heasham Elfazani, "The effect of process of column and foundation construction on the properties of concrete", University of Tripoli, 2002.
4. Eng. Abdulhamid Gnaw, "Study the use of slag in hot weather ', University of Tripoli, 2002.
5. Eng. Seaham Tunki, " The effect of process of beams and slabs construction on the properties of concrete", University of Tripoli, 2003.
6. Eng. Abobaker Aboharba, "New method for measuring the workability of concrete and its prediction of early strength", University of Tripoli, 2004.
7. Eng. Salheen Eluod, "Study on the durability aspects of the concrete sleepers that will be used in the Libyan new rail way project", University of Khoms, 2005.

8. Eng. Bashear Jlaed, "The use of admixtures to produce concrete with high quality to be utilized in repair of Sebha airport concrete blocks ", University of Tripoli, 2008.
9. Eng. Ahmed Algwadi, "The effect of available admixtures on the strength of concrete made with local materials", University of Tripoli, 2009.
10. Eng. Akrem Alshtawi, "Study of the corrosion of the land side of Tripoli harbor and compare with the sea side", University of Tripoli, 2009.
11. Eng. Imhmed Grjbo, "Effect of fly ash on concrete using local materials", Libyan Academy, Tripoli, 2011.
12. Eng. Asia Tumi, "The effect replacement of fine materials to sand on self compacting concrete using local materials on strength and porosity of concrete", Libyan Academy, Tripoli, 2012.
13. Eng. Abdulrahman Ahmed, "The effect of sand to total aggregates on strength of self compacting concrete using local materials", University of Tripoli, 2013.
14. Eng. Fakhrea Kalyl, " The effect of different self compacting concretes on their shear strength using local materials", University of Tripoli, 2014.
15. Eng. Dohaa, "Study the relationship between the tensile and compression strength of self compacting concretes", University of Tripoli, 2015.
16. Eng. Abdurahaman Awad , "The effect of different self compacting concretes on its impact resistance using local materials", University of Tripoli, till now.
17. Eng. Kaeria Alnaeaf, "The process of concreting tow-stage in airport blocks", University of Tripoli, till now.
18. Eng. Abdulbary Elmoushi, "Study the effect of Tripoli environment on the corrosion rate and activity", University of Tripoli, till now.
19. Eng. Jamila A. Atiab, "Study of improving the flow ability of SCC", University of Tripoli.
20. Eng. Ahmad Alkmashy. "Study the effect of large aggregates on the bending strength of SCC using local materials", University of Tripoli.
21. Eng. Hanan Abduljalil, "Study of capillary porosity of SCC", University of Tripoli, till now.
22. Eng. Abdulmenim Alsadik "Study the bending strength using local materials of ECC", University of Tripoli, till now.
23. Eng. Ahmed Sakar "Study the effect of fine materials on the strain capacity and bending of ECC", University of Tripoli, till now.
24. Eng. Mahmud Alkoualdy "Study the effect of fine materials on the strain capacity of SCECC University of Tripoli, till now using local materials",
25. Eng. Ream Sahad. " Sturdy of the local materials on ECC bending resistance", Benghazi High Education Academy, till now.

Supervising of B. Sc. Projects:

During my work at the university of Tripoli, Civil Engineering, since 1993 about 160 projects were supervised by me in: concrete technology (effect of W/C on strength of

concrete, effect of transportation time on strength of concrete, use of slag as coarse aggregates in normal and two stage concrete, Self compacting concrete, ...etc), structural analysis and design of deferent buildings (malty story buildings, mosques, football stadiums, ..etc).

Experience:

1979-1982: Department of Civil Engineering University of Tripoli, Libya, Research and Teaching Assistant.

1983-1986: Department of Civil and Environmental Engineering, University Saskatchewan, Saskatoon, Canada, M. SC. Program.

1686-1688: Consultant at the African Company of Engineering, for construction of airports, roads and Buildings.

1988-1993: Department of Civil and Environmental Engineering, University Saskatchewan, Saskatoon, Canada, Ph. D. Program.

1994-now: Department of Civil Engineering University of Tripoli, Libya, professor.

1994-now: Consultant at The University of Tripoli consulting office, testing damaged buildings with laboratory and non destructive tests.

1995-2007: Consultant at Al-Sadd privet consulting office, design, supervising projects, testing damaged buildings with laboratory and non destructive tests.
2012-now: Consultant with Al-Khat Alofky Co. for general construction.

destructive tests.

1996-1998: Consultant at Utility consulting Office (government), design, supervising projects.

2000-2005: Official Sika distributor in Tripoli, importing most of Sika products the suitable for Tripoli environment.

2006-now: Head of Al-Massar Co. for construction chemicals, BASF Agent of Libya.

2005-now: Consultant with Al-Oeun Co. for general construction.

2010-now: The supervisor of building materials laboratory, Civil Engineering University of Tripoli, Libya.

2012-now: Consultant at Alkasba Consultant Company.

2012-now: Head of Al-Massar Ltd. for ready mix concrete (owning ready mix plant around Tripoli) and manufacturing of building materials.