

**PROGRAM**

Sunday 15 February 2009

**8:30 - 9:00 Registration**

**9:00 - 9:30 Opening Session**

*Prof. Ali Ngab* ACC, Chairman  
*Prof. Moustafa El-Demirdash* HBRC, Board Chairman

**9:30 - 11:30 Session (1)**

Moderators: **Prof. Hamdy Shaheen & Prof. Hatem Geith**

**9.30-10:00 African Concrete Code: Basic provisions**  
*Prof. J. Wium,*

**10.00-11:00 Design for Strength : ACC Provisions**

*Prof. N. Darwish, Prof. M. Abo Zeid  
& Prof.A. Ngab*

**11.00-11:30** The Egyptian Technical Specifications for  
Some Special Concretes

*Prof. N. Nofal, Dr. K. Yousry & Dr. H. Selim*

**11:30 12:00 Coffee Break**

**12:00 13:30 Session (2)**

Moderators: **Prof. Shadia Elibiary & Prof. Sayed Abd  
Ellbaky**

**12.00-12:30 Design for Durability : ACC Provisions**

*Prof. M. Haque & Prof. M. Alexander*

**12.30-13:00 Design for Seismic Loads : ACC Prov.**

*Prof. Nouredine Bourahla*

**13.00-13:30 The Egyptian Code for Loads**

*Prof. F, Eldeeb, Dr. T. Bahaa & Dr. M. Zaki*

**13:30 14:30 Lunch Break**

**14:30 15:30 General Discussion**

*Prof. Moustafa El-Demirdash & Prof Ali Ngab*



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Ministry of Housing, Utilities & Urban Development



Housing and Building National Research Center



African Concrete Code

The Fourth African Concrete Code  
(ACC) Symposium

Cairo, Egypt - 15 February 2009

Chairman

**Prof. Moustafa El-Demirdash**  
Chairman of Housing & Building  
National Research Center



**Introduction:**

The HBRC is hosting the Fourth African Concrete Code (ACC) Symposium in Cairo. It is organized for the purpose of reviewing the drafting of the new code for the continent of Africa and to present the achievement over the last four years. The symposium also aims to publicize the initiative among Egyptian engineers and researchers as well as foreign guests.

**Symposium Outline**

The Symposium will take place over one day. The symposium will be in the format of formal presentations by ACC working group leaders who will present the proposed contents and structure of their themes and discuss current status of concrete construction and research, or on specific interesting projects in their regions. Two lectures will be given by HBRC researchers to introduce some of the related codes and technical specifications published in Egypt.

**HBRC:**

The Housing and Building National Research Center (HBRC) is a governmental agency subordinate to the Ministry of Housing, Utilities and Urban Development of Egypt. It was established in 1954 as an independent governmental research establishment. It has played an important role in the research activities in collaboration with public and private institutions. In addition, HBRC served the community in detecting faults in the building industry and suggested the corresponding remedies. It performs strategic studies for urban development, and provides evaluation services including technical consultations, field inspection, quality control & laboratory testing. and offers of training programs. Its work is recognized and highly appreciated throughout the nation. HBRC plays a leading role in enhancing the performance of the building sector through scientific research, code development and enforcement. It is also responsible for studies related to the Egyptian building laws and regulations

**HBRC is formed from the following research Institutes**

- Building Materials & Quality Control Research Institutes
- Reinforced Concrete Structures Research Institutes
- Architecture and Housing Research Institutes
- Soil Mechanics and Geotechnical Engineering Research Institutes
- Steel Structures Research Institutes
- Raw Materials Processing Research Institutes
- Sanitary and Environmental Engineering Research Institutes
- Building Physics and Environment Research Institutes
- Construction Engineering & Project Management Research Institutes

**ACC:**

The African Concrete Code has been initiated in 2005 and is planned to be issued by 2010. The first symposium was held in Tripoli, Libya, the second in West Cape, South Africa while the third was held in Hammammat in Tunisia. The ACC uses ISO 19338 as framework for developing the code. The final output would be a code for the design and construction of concrete structures of all types in the region of Africa reflecting its special features. This new code when adopted by the local authorities in each country will serve as guide for the design of safe, durable and economical structures in this region. When completed the new code will facilitate and accelerate economical and technological exchange in concrete engineering industry amidst the African region in particular and in relation to the international community in general.

**Symposium Chairman**

**Prof. Moustafa El-Demirdash**  
*HBRC, Board Chairman*

**ACC, Chairman**

**Prof. Ali Ngab**  
*Al-Fateh University, Tripoli, Libya*

**Vice Chairpersons**

**Prof. Heba Bahnasawy – Prof. Sherif Abd Elnaby**  
*Board Vice Chairpersons of HBRC*

**Venue:**

The venue for the conference is the Housing and Building National Research Center, (HBRC)  
87, El-Tahrir Street Dokki, Giza, Egypt  
For more information, Please visit: [www.hbrc.edu.eg](http://www.hbrc.edu.eg).

**Registration:**

No registration fee for public participation is required.

**Language**

The Conference will be conducted in English. Proceedings and presentations will be in English.

**Currency and exchange**

Currency notes are in denominations of 1,5,10,20,50 and 100 L.E., 1.0 US\$ equals approximately 5.4 L.E.

**Weather :**

Cairo climate is fair at this time of the year. Average temp. in Nov. is 28oC (80oF) in the morning and 20oC (68oF) by night.

**Exhibition:**

Conference exhibition expected to be attended by consultants , investors , construction companies , and real state investment companies. Interested parties in exhibition are requested to contact conference secretariat .

