

Sayed Shebl M. Shebl, Ph.D.
Professor of Building Physics
Head of Fire Department,
Manager of Building Physics & Environment Institute (Ex), Housing &
Building National Research Center, HBRC



- Prof. Shebl graduated from Power Mech Engineering Dept., Faculty of Engineering at Mataria, Hellwan University in 1988. M.Sc. from Faculty of Engineering at Mataria, Hellwan University in 1997 and Ph.D. from Faculty of Engineering at Shoubra, Zagazig University, in 2003. Upon graduation, he has joined HBRC as a research assistant and was promoted in different positions and he is the former Manager of BPI Institute, he is currently the Head of Fire Department.
- Field of Interest and Specializations: Building Physics Engineering including Green Buildings Technologies and Sustainable Developments. Mechanical HVAC Systems, Not-In-Kind Cooling Technologies Fire Behavior and Thermo-Physical Properties of Building and Construction including, Envelope Building Materials and doors and windows systems, Thermal Insulation. Synthesis of Nano Materials and Nano-Modified Cementitious Materials. Fireproofing Cementitious Materials and Intumescent Coatings for Steel Structures and Concrete.
- Post Doctor scientific mission at Tuskegee University, Alabama, USA in the fields of development of Nano-particles and recycling of wastes in composite thermal insulation and fireproofing materials for green building applications, 2008. StudyTour "Energy Saving in Residential and Commercial Building in Germany", 2004.
- Focal Point of Bilateral Cooperation with United Nations Environments UNEP and United Nations Industrial Development Organization UNIDO on environmental issues related to the Montreal Protocol amendments. Ministerial Decision No 889 - 2018.
- Supervised several Mega projects in fireproofing in Egypt. Approved as Third Party by Egyptian National Authority for Tunnels NAT for fireproofing works in Greater Cairo Metro line 3. Contract No 80-2018.
- Member of several Code of Practice Committees and Principal Investigator and team member for a lot of national and international projects.
- Supervised and refereed many Ph.D. and M.Sc. Author/co-author of tens of scientific papers. Attendance to tens of international conferences. theses.
- Conference General Secretary, Member of Organizing committee, and Member of Scientific committee, in different Conference/Workshop
- Current Conference General Secretary, "International Conference on Nano-Technology in Construction, Green and Sustainable Construction NTC, many years ago.
- Certificated with Accreditation to Fire-Lab met the requirements of the IAS Accreditation Criteria for Testing Laboratories (AC89), in compliance with ISO/IEC Standard 17025.
- Design and Executing the Implementation of Standard Fire Test Rig with Real Dimensions (Furnace) in accordance to the Standard Test Method NFPA 251 & 252 and Equivalents.