



Professor Meherwan P. Boyce, PhD, P.E., C.Eng (UK), is the Chairman and CEO of The Boyce Consultancy Group, LLC and a Fellow of the following societies: **American Society of Mechanical Engineers (ASME (USA))**, **Institution of Mechanical Engineers (IMechE (UK))**, **National Academy of Forensic Engineers (NAFE (USA))** and the **Institution of Diesel and Gas Turbine Engineers (IDGTE (UK))**.

His experience began in the field of turbomachinery in both industry and academia in 1962. He is presently and has been since 1998 Chairman and CEO of The Boyce Consultancy Group, LLC. His past experience covers 20 years as Chairman and CEO of Boyce Engineering International Inc., founder of Cogen Technologies Inc., and five years as a designer of compressors and turbines for gas turbines of various gas turbine manufacturers.

His academic experience began in 1967 as an Instructor at the University of Oklahoma and includes the position of Professor of Mechanical Engineering at Texas A&M University and founder of the Turbomachinery Laboratories and the Turbomachinery Symposium in 1972 and this is currently a very successful symposium. He is the author of several books such as the Gas Turbine Engineering Handbook (Fourth Edition, Elsevier); Cogeneration & Combined Cycle Power Plants (Second Edition, ASME Press); and Centrifugal Compressors, A Basic Guide (PennWell Books). He is a contributor to several handbooks: his latest contributions are to the Perry's Chemical Engineering Handbook Seventh and Eight Editions (McGraw Hill) in the areas of Transport and Storage of Fluids and Gas Turbines, he is presently working on the 9th Edition. He has contributed chapters for the ASME's Energy and Power Generation Handbook and A Handbook on Combined Cycle Systems for Near-Zero Emission Power Generation. He is Chair of the Committee which just completed the writing of the ASME PTC 55 Gas Turbine Aircraft Engines, which was approved as an American National Standard by the ANSI Board of Standards Review on July 29th 2013. He is also a member of the ASME Ethics Review Board. Additionally, Dr. Boyce has taught over 150 short courses around the world attended by over 3000 students representing over 400 Corporations.

Dr. Boyce is past Chairman of the Plant Engineering & Maintenance Division of ASME, the ASME Conferences Committee and the Electric Utilities Committee of the of ASME's International Gas Turbine Institute.

Short Bio-Data – Dr. Meherwan P. Boyce, P.E., C.Eng. (continued)

Dr. Boyce was the pioneer of On-Line Condition Based Performance Monitoring in 1978. He is also the recipient of two major patents: one in the area of surge control and the other in the area of external combustion firing in gas turbines. He has developed models for various types of power plants and petrochemical complexes. His programs are being used around the world in power plants, offshore platforms, and petrochemical complexes. He is a consultant for major airlines in the area of engine selection, noise and emissions. His consultant expertise is utilized in the Aerospace, Petrochemical and Utility industries globally and is a much-requested speaker at Universities and Conferences throughout the world.

Dr. Boyce has authored more than 150 technical papers and reports on gas turbines, compressors pumps, fluid mechanics, and turbomachinery. Dr. Boyce has been honored by being appointed to membership of the following scholarly honorary societies such as Sigma Xi, Pi Tau Sigma, Phi Kappa Phi, and Tau Beta Phi. He is the recipient of the ASME Herb Allen award for Excellence in Aerodynamics and the Ralph Teetor Award of SAE for enhancement in Research and Teaching among others. His most recent award in 2016 is the Clifford C. Furnas Memorial Award from The State University of New York at Buffalo.

Dr. Boyce is on both industrial and social boards. He is a Development Board Member, 2011-Present, University of Texas Medical Branch (UTMB)-Health, Galveston, Texas; the Board of Advisors Texas A& M University for the Turbomachinery Symposium (only member voted a life member); the Board of Advisors for the Department of Aerospace and Mechanical Engineering, University of Oklahoma; the Industrial Advisory Board of the Department of Computer Science, Southwest Texas State; the Advisory Board of University of Texas Health Center-Houston; and Past Chair of the University of Texas Advisory Council Dental Branch. Dr. Boyce is Chairman of the Virtuosi of Houston, a premier youth chamber orchestra; Trustee of the Houston Symphony; and past President of the Houston Galveston Stavanger Sister Cities Society. He is past President of the Board of Directors of the Trade Winds/Beach Club Condominiums Owners Association in Galveston, Texas, and was also past Vice President of the Board of Directors of the Huntingdon Council of Co-Owners, Houston, Texas. He is also a Founder Director of the World Zoroastrian Chamber of Commerce and Vice President of the World Zoroastrian Organization. He is the holder of the Bharat Scout (India's equivalent to the Eagle Scout) and a member of the Board of Directors Sam Houston Area Council, Boy Scouts of America.

In 2002, Dr. Boyce was chairman of two major conferences: the Advanced Gas Turbine and Condition Monitoring Conference sponsored by DOE and EPRI and the Gas Turbine Users Associations Conference. He continues to be a consultant for these two organizations.

Dr. Boyce received a B.S. (1962) and M.S. (1964) in Mechanical Engineering from the **South Dakota School of Mines and Technology** and the **State University of New York**, respectively, and a Ph.D. in (Aerospace & Mechanical engineering) 1969 from the **University of Oklahoma**.