

Robert Alexander Hanna - nominated by the IEEE Canada

Robert Hanna is currently President and Technical Director of RPM Engineering in Mississauga, Ontario after earlier positions as a Senior Staff Engineer with Gulf Canada and a Section Manager with Petro-Canada. Over the past three decades, Bob has been actively engaged in all aspects of electrical design work, complex power quality investigations and Adjustable Speed Drive applications covering over 40 installations for 20 major client organizations. His work has been distinguished by some innovative applications, including:

- ***Recommendations made to manufacturers of adjustable speed drives regarding their performance and reliability;***
- ***The design, specification and implementation of the largest medium voltage induction motor ASD for an extruder application (7500 HP) in the petrochemical industry in North America;***
- ***The selection and implementation of the largest known IGBT Adjustable Speed Drive installation in the world for a retrofit compressor application; and,***
- ***The establishment of a standard committee within IEEE to address the performance of medium voltage ASD's rated above 500 HP.***

Besides making many salient and unique contributions to the advancement of the state-of-the-art in electric drive systems and power quality considerations in industrial and commercial electric systems, Robert Hanna has given unstintingly of his time as a volunteer to the IEEE at the Toronto Section and chapter level and to the governance of the IEEE. Tonight we salute these achievements.

Ladies & gentlemen and Madam President, please welcome Robert Hanna as a Fellow of the Engineering Institute of Canada.