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The first steel structure building industry chain innovation achievement promotion and exchange meeting

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On the morning of 9 April 2025, Prof. K. F. Chung, Director of CNERC, Dr. B. Li, Postdoctoral Fellow, and Mr. W. Chen were invited by the China Iron and Steel Association to attend the first steel structure building industry chain innovation achievement promotion and exchange meeting. Leaders of relevant government departments and bureaus of the national ministries and commissions, Hebei Provincial Departments, China Iron and Steel Association, China Building Metal Structure Association, China Minmetals, MCC Group, representatives of major enterprises, experts, major parties concerned of the Tangshan Municipal Party Committee and Municipal Government, Secretary-General of the Tangshan Municipal Party Committee, Tangshan Municipal Government, Secretary-General and relevant deputy secretaries-general of the Tangshan Municipal Government, relevant municipal units, major responsible personnel of the Chinese governments (city, district), financial institutions, and heads of relevant key enterprises in Tangshan attended the conference.

With the theme of “Promoting industrial collaboration and leading development through innovation”, the Conference attracted more than 500 experts, scholars and entrepreneurs from the steel structure industry across Mainland China to discuss new measures and new ideas for the collaborated development of steel structure buildings and the steel industry. Prof. Chung, being a special guest, gave a presentation of conference report, “Research on Trends and Application Technologies of High-Strength Steel (Application of 690 & 960 MPa High-Strength Steel in Construction in Hong Kong and Macao Special Administrative Regions)”. Starting from the mechanical properties and microstructural analysis of Q690 steel, the research field was gradually expanded to the welding control, structural performance and standard formulation of high-strength Q690 steel, and finally promoted its application in actual engineering projects in Hong Kong, Macau and Mainland China, such as the completed Tseung Kwan O Cross-Bay Bridge and Macau Bridge. The report was detailed and rich, and the conference delegates responded positively and enthusiastically.



Prof. Chung presentation on “Research on Trends and Application Technologies of High-Strength Steel (Application of 690 & 960 MPa High-Strength Steel in Construction in Hong Kong and Macao Special Administrative Regions)”



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Prof. Chung and Mr. N. Xia, Vice President of China Iron and Steel Association