

Visit to Central Iron and Steel Research Institute – Technical exchange on high-strength steel materials, welding and applications
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On the morning of 10 April 2025, Prof. K. F. Chung, Director of CNERC, Dr. B. Li, Postdoctoral Fellow, and Mr. W. Chen visited the Central Iron and Steel Research Institute. Prof. G. H. Feng, Prof. Y. B. Hu, Dr. H. L. Zhang, Dr. Y. G. Zhao, Dr. F. Y. Zhao, Dr. X. B. Zhang from the Institute of Metallurgical Technology, Prof. Y. C. Qi from the Welding Technology Research and Development Centre of the Central Iron and Steel Research Institute, and Mr. W. H. Zhou and Mr. S. H. Shi, Chief Experts of the Iron and Steel Research Institute of Xiangtan Iron and Steel Group, attended the exchange meeting. The three parties exchanged technical information on the research and development of high-strength steel and special steel materials, welding technology and its application.

As a central enterprise directly managed by the State-owned Assets Supervision and Administration Commission of the State Council, the China Iron and Steel Research Institute is a world-class R&D centre in the three fields of materials, technology and testing, with 9 secondary units and 5 national engineering technology research centres. As the development base of China's new metallurgical materials, the China Iron and Steel Research Institute undertakes a number of key metallurgical new materials R&D tasks and widely applies them, making important contributions to China's national economic construction.

At the meeting, Prof. Feng warmly welcomed the arrival of the CNERC, and introduced the main situation of the Central Iron and Steel Research Institute and related research results. Prof. Chung gave a technical report 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", sharing the CNERC's achievements in the development of high-strength steel welding technology and practical engineering applications over the years. Mr. Shi of Xiangtan Iron and Steel Group reported on the company's latest research results on different strength steel products in recent years.

After the meeting, the CNERC delegates led by Prof. Qi had visited the Welding Technology R&D Centre of the Central Iron and Steel Research Institute and had in-depth exchanges on technologies such as high-strength steel welding and additive manufacturing.



Technical exchange meeting among CNERC, Central Iron and Steel Research Institute and Xiangtan Iron and Steel Group



Group photo of delegates from CNERC, Central Iron and Steel Research Institute and Xiangtan Iron and Steel Group