

## Visit of Buildings Department of the Government of Hong Kong SAR 2022.11.16

Ms. Clarice Yu, JP, Director of Buildings Department (BD) of the Government of Hong Kong SAR led a team of engineering and technical delegates from BD visited CNERC to explore use of high strength S690 steel in construction on 16 November 2022. Prof. K. F. Chung, Director of CNERC, together with CNERC office bearers received the BD delegates as follows:

### BD delegates:

- YU PO MEI CLARICE, Director of Buildings
- HO CHUN HUNG, Deputy Director
- CHAN YUEN MING MARY, Chief Building Surveyor
- LOK PUI FAI, Chief Structural Engineer
- CHAN CHEUK MING, Structural Engineer
- CHAN WING YEUK, Structural Engineer
- CHAN YIU KI, Technical Officer
- CHAN YUN KEUNG, Structural Engineer
- CHEUNG PAT WANG, Structural Engineer
- KONG CHUN PANG, Structural Engineer
- KWAN SIU FUNG, Senior Technical Officer
- LAI CHING HO, Structural Engineer
- LEE YAU SHING, Structural Engineer
- TANG CHUN WAN, Senior Technical Officer
- WONG KWAN WEI MELODY, Structural Engineer
- WONG PIK HAN PHOEBE, Structural Engineer
- YEUNG KIN HEI, Technical Officer
- YU KIN HO, Structural Engineer
- YU TAK WAI TOMMY, Senior Structural Engineer
- YUEN YIU MAN, Structural Engineer

### CNERC office bearers:

- Prof. K. F. Chung, Director of CNERC
- Prof. Michael C. H. Yam, Deputy Director and Executive Secretary of CNERC
- Dr. Lilian M. F. Hui, Principal Research Fellow
- Dr. H. C. Ho, Deputy Executive Secretary and Research Assistant Professor of CNERC
- Dr. Y. F. Hu, Research Assistant Professor of CNERC



A group photo of BD delegates together with CNERC office bearers



The BD delegates visiting Laboratory Y001 (left) and Laboratory W002 (right)

The delegates visited the Structural Engineering Research Laboratory (Y001) and the Welding Laboratory (W002) of PolyU, and they were introduced about the research and testing capabilities of the CNERC for large-scale structural tests. The delegates were also introduced to a number of research and development projects on high strength S690 and S960 steels.



From left: Mr. C. H. Ho, Prof. K. F. Chung, Ms. Clarice Yu and Dr. Lilian Hui

After the laboratory tour, a discussion on applied research and development on high strength S690 steel construction was held among BD and CNERC. The following items were presented and discussed:

- a) Missions and visions of CNERC and its recent research achievements
- b) Applied R&D adopting S690 steel in construction
- c) Re-engineering of pilot public works projects using high strength S690 steel, and availability of qualified welders for S690 structural steelwork
- d) Corrosion of aluminum window frames, and its mechanism