

PRESS STATEMENT

21 June 2018

**Construction of Diaphragm walls for  
Exhibition Centre Station and Western Approach Tunnel  
of Shatin to Central Link**

The MTR Corporation would like to provide the following information to the public regarding the construction of diaphragm walls of Exhibition Centre Station and Western Approach Tunnel under the Shatin to Central Link (SCL) project.

The works concerned were carried out by Leighton - China State Joint Venture (“the Contractor”), the main contractor of SCL Contract 1123 “Exhibition Centre Station and Western Approach Tunnel”.

The Exhibition Centre Station and Western Approach Tunnel are constructed by the cut and cover method and diaphragm walls are installed to support the excavation.

The design drawings of the works concerned were correctly prepared by the Contractor’s design consultant and accepted by relevant Government departments in February 2016. Shop drawings for these diaphragm wall panels were then prepared by the subcontractor of the Contractor based on the approved design drawings for the purpose of construction works on the site. During the preparation of shop drawings for the reinforcement steel cage of two diaphragm wall panels, the subcontractor misinterpreted the design drawings, leading to errors in the shop drawings. These shop drawings were then reviewed by the Contractor before the final version was submitted to MTR. These errors were not picked up through this process. Subsequently, the construction of the two diaphragm wall panels concerned was carried out based on these incorrect shop drawings.

The non-conformance was later identified by MTR and a Non-conformance Report (NCR) was issued to the Contractor in June 2016 with an instruction to submit a remedial proposal.

After the submission of the remedial proposal by the Contractor, the Corporation’s engineers checked and discussed the non-conformance and proposal with the relevant Government departments in July 2016. The remedial proposal was then submitted to the relevant Government departments in August 2016 in accordance with the established procedure. Following further review and acceptance by the relevant Government departments in October 2016, the rectification works were completed accordingly by the Contractor under close monitoring by the Corporation’s on-site inspectorate staff.

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Apart from the required follow-up works at the above-mentioned diaphragm wall, a review of the shop drawings of all the diaphragm wall panels previously constructed at other locations in the Exhibition Centre Station and Western Approach Tunnel has been carried out. The review confirmed that there is no similar occurrence in other locations. All diaphragm wall panels in the site are confirmed to be safe for subsequent excavation works.

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