





Newsletter Issue 12 June 2024

工程通訊 第十二期 2024年6月

**Outlying Islands Sewerage Stage 2 -**Upgrading of Cheung Chau Sewage Treatment and Disposal Facilities 離島污水收集系統第 2 階段 — 長洲污水處理及排放改善工程

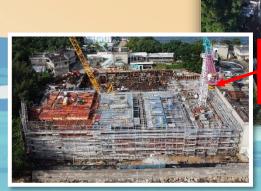
Contract No. 合約編號

DC/2019/07

## Works in Progress 進行中的工程



**Substructure Construction at Preliminary Treatment Facilities in Progress** 基本處理設施地下結構工程進行中



**Superstructure Construction at MBR Treatment Facilities in Progress** 薄膜生物反應處理大樓 上層結構工程進行中



**Works for Sludge Holding Tanks** in Progress 污泥儲存缸工程進行中

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Newsletter Issue 12 工程通訊 第十二期







#### Safety Training with VR Technology 使用虛擬實景技術進行安全訓練



Virtual reality (VR) can simulate a wide range of safety scenarios. By recognizing hazards and practicing correct actions in a simulated environment, employees develop situational awareness that allows them to respond to dangerous scenarios with

虚擬實景(VR)可以模擬各種安全場景。透過在模擬環境中識別危險並練習正確的 行動,能夠讓員工自信地應對危險情況。



In this project, safety training with VR technology is particularly used for training employees engaging in the high



risk activities such as working in confined space and working at height. Employees can virtually step into confined spaces and practice the works procedures in a controlled environment, minimizing risks associated with real-world training scenarios. Incorporating VR into high-altitude training allows workers to practice balance and coordination in a safe and controlled setting.

本工程採用 VR 技術為從事密閉空間、高空工作等高風險活動的員工進行安全培訓。 員工可以虛擬地進入密閉空間並在受控環境中練習工作程序,從而最大限度地減少 與現實世界訓練場景相關的風險。透過模擬具有挑戰性的環境,VR 可以幫助員工培 養在高空作業時保持安全所需的技能,從而降低危險事故和受傷的風險。

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#### **Confined Space Works Safety Management** 密閉空間工作的安全管理

This Project was invited by Occupational Safety & Health Council and Construction Industry Council to participate in confined space works seminars to share experience in confined space works safety management.

本工程項目受職安局和香港建造業議會邀請,出席密閉空間工作研討會,分享密閉 空間工作安全管理經驗。





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Newsletter Issue 12 工程通訊 第十二期





### Project Achievement 工程成就



**Provisional Platinum rating under BEAM** Plus NB V2.0 綠建環評新建建築(2.0 版) 暫定鉑金級

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