

Industry Practitioners Category

General Practitioner

Outstanding Award

LAU Siu-hang



6/WSD/21 – In-situ Reprovisioning of Sha Tin Water Treatment Works (South Works) – Administration Building

This project comprises the reprovisioning of the Administration Building cum Mainland East Laboratory and associated facilities within the South Works of Sha Tin Water Treatment Works. Major sustainable construction achievements include:

1. Promoting and implementing MiC and BIM;
2. Implement innovative technologies on Environmental, Safety, Site management and Training;
3. 60% of waste was recycled and 70% of soil was reused on other projects;
4. Reduction of 94% of CO2 emission by using a Container Energy Storage System for tower crane.



Sustainable Best Practice 1

Internal:

To promote the environmental aspect, all of the recycled materials had been sent to Green-Community and reduce the load of waste sent to landfills. 680kg of recycled material had been sent to Green-Community. The worker will have a gift which is given from the "GREEN\$ Electronic Participation Incentive Scheme" including mainly daily necessities and groceries, as well as environmental-friendly products, such as bamboo tissues, towels, and recycling bags which can encourage workers' contribution to environmental protection.

Sustainable Best Practice 2

To support and encourage the construction industries to take positive initiatives in the area of ESG, Chun Wo coordinated with Hong Kong Construction Association (HKCA) to establish the ESG Recognition Scheme Platform. The platform can indicate ESG data which includes Energy Consumption, etc. The report shows that it is higher than 60% of environmental performance which is compared with similar project type. The platform can make all colleagues improve their awareness of ESG.



Sustainable Best Practice 3

The rubbish bins at Keng Hau Road were repeatedly disturbed by monkeys in the past year and this has induced hygiene problems. Their covers were easily opened even they were tied with a rope. The Contractor then installed some robust hooks to individual rubbish bin such that the covers could not be easily opened, which had effectively avoided the disturbance from monkeys.