

MiC - 提供業界更環保的先進建築方法



Water Resources

Noise Pollution

Air Pollution

Waste Generation

Construction Material



Watertight & Flooding Test
Water

Protection Material

Site Greening



Reuse wooden pallets and plastic bottles to make green walls



Site Farm • Self-Sufficient



All flower troughs purchased are made of recycled plastic



Giant green wall
Bring energy to construction site



Mosquito Control

Operation Team



Establish anti-mosquito team



Fogging operation Twice/Week

Facilities & Supporting



New anti-mosquito system (IN2CARE)

The first construction site in Hong Kong to use



Solar mosquito killing lamp

Reused Aluminium Cans Roof

(Heat Reflection Cooling)



Aluminum cans have high reflection rate to improve air conditioning efficiency



Reused aluminum cans arranged to container site office



Mobile Active Carbon Filter

Design - 1



Active carbon sponge and honeycomb activated carbon filter are inside the device. Air pollutants were filtered by active carbons. (included TSP, RSP, SO₂, NO_X, etc.)

Install to generators/
Excavators exhaust vent

Active Carbon Filter



Active carbon sponge



Honeycomb activated carbon filter



Design - 2

Mobile Noise Absorbed Barrier & Real Time EM&A Device

Mobile Noise Absorbed Barrier



Movable

Effective

Light weight

Easy installation

Real Time EM&A Device



Real time monitoring PM10, PM2.5 and sound level



Sensor installed near by ASR/NSR

Protection for Adjacent Slope & River




Tree Survey and regular monitoring
by Aerial Photograph


 Oriental Landscapes Limited
 東方綠化有限公司

**Design and Construction of Rank and File
 Quarters for Fire Services Department at Area
 106, Pak Shing Kok, Tseung Kwan O
 (Contact No. SS E502)**


Initial Tree Survey Report for the Slope Area

Prepared By:


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 ISA Certified Arborist HK-0738A
 ISA Tree Risk Assessment Qualified
 JL
 Date: 23rd December 2019

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 CASTCO TESTING CENTRE LIMITED

18, Cheong Chee Street, Tseung Kwan O, New Territories
 18, Cheong Chee Street, Tseung Kwan O, New Territories
 Website: www.castco.com.hk

Test Report
 Water Analysis


Date of Issue: 13-12-2019 Castco ID#: 181219-005
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Client Information
 Client: Yee Lee Construction Company Limited
 Address: 2/F, Tower 3, Enterprise Square 3, Sheung Tsun Road, Kowloon Bay, Kowloon
 Job Title: Design and Construction of Rank and File Quarters for F.S.D. at Area 106, Pak Shing Kok, Tseung Kwan O
 Form ID: _____
 Contract No.: 18-0101 Customer Ref. No.: _____

Sample Details
 Received Condition: Cleaned Storage Condition: Cleaned
 Test period: 09-12-2019 to 06-12-2019
 Sampling Location: Design and Construction of Rank and File Quarters for F.S.D. at Area 106, Pak Shing Kok, Tseung Kwan O
 Laboratory Test Number: _____
 Sample Receipt ID: 01946-01219-005-001-0 Customer Sample ID: Other Document
 Sampling Date: 09-12-2019 Sample Receipt Date by Lab: 09-12-2019
 Location of Sample Collected: Design and Construction of Rank and File Quarters for F.S.D. at Area 106, Pak Shing Kok, Tseung Kwan O

Sample Description	Test	Method	Unit	Result
Chemical Oxygen Demand (COD)	ASTM D1212B	2000	mg/L	<10
pH value at 25°C	APHA 214, 4004-1	6	-	7.7
Turbid suspended solids	APHA 214, 2540 D		mg/L	6.1

Remarks:
 1. Test results only valid to the specimen tested.

Approved Signatory:

 CHENG Chi-Pak, Raymond
 Director Manager
 Issued of Report

Volunteer to take water sampling at
downstream

Environmental DIY Workshop



Friendly Plastic Bottle



Anti-mosquito Bag



Hand Sanitizer



Folder Mask Protector



DIY Cloth Mask Cover

Mobile Recycle Facility and Reuse of Materials



Daily collect plastic, cans and rubbish carry out by workers



Reuse of waste metal as dust suppression facilities



Reuse and Recycle MiC protection Material



Reuse of waste metal and timber as table and chair