
Considerate to Neighbourhood & Passer-by

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- **Designated traffic controllers are appointed and cooperate with security guards to manage site logistic and transport in park to minimize effect on park users**

Considerate to Neighbourhood & Passer-by



- **Copies of construction noise permit and public notification are displayed at site entrances to inform the public.**

Considerate to Neighbourhood & Passer-by



- Site beautification with promotion materials for publics and workers

- Public enquiry hotline and email have been set up, and information is clearly shown at site entrance to inform public.



Environmental Measures Highlights

Air pollution abatement measures

Dust Control

Water spraying is regularly for:

- Exposed ground surface / haul road
- Excavation works
- Loading and unloading
- Vehicles leaving the site



1. Air pollution abatement measures

Dust Control

- **Air blowers are used to improve the air ventilation**



Exposed excavated area and dusty materials are covered by tarpaulin sheet to prevent dust emission

1. Air pollution abatement measures

Use of Ultra Low Sulphur Diesel (ULSD)



CASTCO 佳力高試驗中心有限公司
CASTCO TESTING CENTRE LTD.

TEST CERTIFICATE
Sulfur Content of Automotive Fuels
[ISO 2084 : 2013]

Date of Issue: 15-08-2014
Page 1 of 1 pages
Custn: LRN: 00014305-3

Sample Details as Requested by Customer
Customer: Gimmco Construction Ltd. Customer's Ref. No.: --
Address: 28/F., Devon House, Talson Place, 979 King's Road, Hong Kong
Job Title: T204 - Main Works for Redevelopment of Victoria Park Swimming Pool Complex
Location in Work: Victoria Swimming Pool
Contract No.: SBT 330
Sample Identification No.: --
Sample Description: ULSD
Date of Sampling: 05-08-2014

Laboratory Test Results
Test Received: 05-08-2014
Test Period: 13-08-2014

Test Item	Results
	mg/kg
Sulfur Concentration (S)	13.9
	%
	0.00129

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

Checked by: _____ Certified by: _____

Address: (香港) 香港中環皇后大道中 30 號, On Kai Street, Hong Kong
香港新界沙田區 25A 號, On Cheun Street, Tseung Kwan Oi
E-mail: castco@castco.com.hk Website: www.castco.com.hk

0.00129%
(i.e. < 0.005%)

- ULSD has been adopted as the fuel for all construction plants to minimize air pollution
- Testing of sulphur content of ULSD has been carried out in monthly basis

1. Air pollution abatement measures

Dust Monitoring at Adjacent Buildings

- Dust (TSP) Monitoring is carried out at adjacent buildings (ASR) in weekly basis



Kindergarten



Park Tower



Viking Garden



Children Play Area

2. Noise Control Measures

Alternative construction method



- Use of quiet construction plants (e.g. hydraulic crusher) instead of breaker to minimize noise impact



2. Noise Control Measures

Acoustic Barriers

- **Acoustic mat is used to minimize the noise impact during construction.**



- **Acoustic jacket has been wrapped on the hydraulic breaker to minimize the noise impact during breaking process.**

2. Noise Control Measures

Noise Monitoring at Adjacent Buildings



Viking Garden

- Noise monitoring is carried out at adjacent buildings on a weekly basis.



Park Tower



Kindergarten

3. Water Pollution Control Measures

Waste Water Treatment

- Waste water is treated before discharge



- Water sampling for lab analysis

4. Waste Management

Reuse



- Lockers were transferred for reuse

- Grandstand fencing is reused for safety measure



- Reuse park facilities

4. Waste Management Trip Ticket System

- Trip ticket system has been implemented



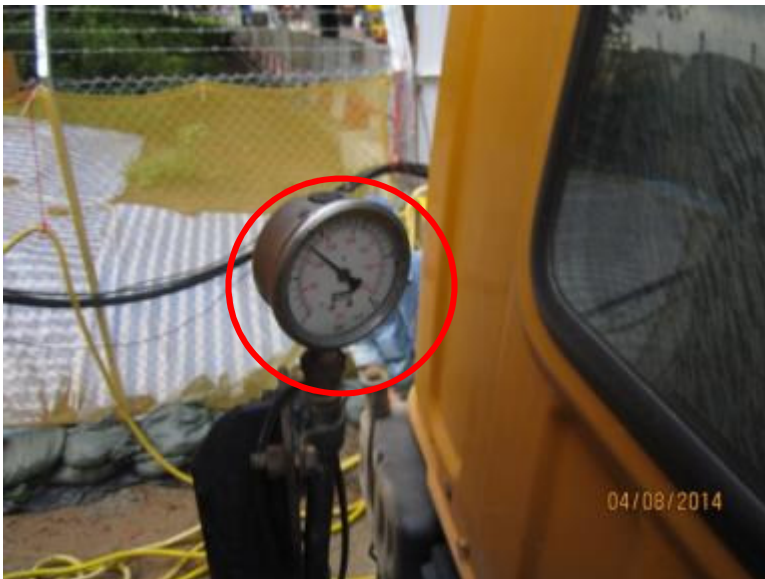
**Use of Automatic
Mechanical Covers**



4. Waste Management

Overloading Prevention

- Electronic load cell device was installed on grab mounted truck and the hauling truck to prevent overloading occurred



4. Waste Management

Reuse and Recycle

- **Wastepaper & Printer / photocopier cartridges collected by recycling company**
- **Recycle bins provided on site for waste sorting**



4. Waste Management

Reuse and Recycle

- Reuse the wooden boards steel materials to restructure as welfare facilities at rest area
- Reuse the functional park / swimming pool facilities after demolition works, e.g. shelters



5. Tree Protection



- **Tree protection zones are erected**
- **Routine inspection of tree health conditions and preservation works have been carried out by landscape specialists**



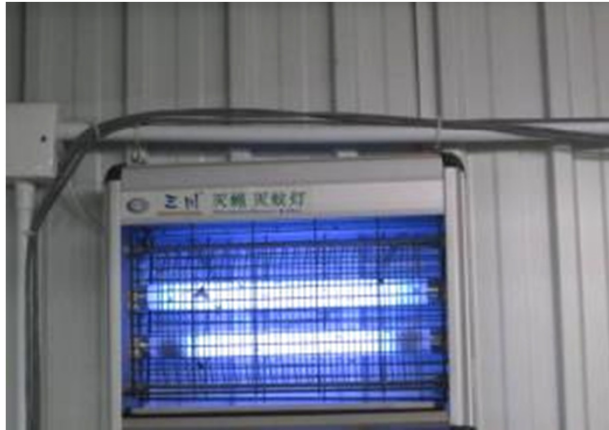
6. Mosquito Control



- **Daily cleaning to maintain the good hygiene**
- **Removal of falling leaves and stagnant water regularly**
- **Equipment stacking**



6. Mosquito Control



- Installation of mosquito killing devices

- Mosquito repellents are provided for workers



6. Mosquito Control



- **Mosquito control activities are carried out by external pest control company twice a week.**

6. Mosquito Control

- Latest Ovitrap Index level and relevant mosquito control guidelines have been displayed to inform workers



7. Communication, Training and Promotion

Training



Morning Assembly



Notice Boards



Toolbox Training



Chemical Spill Control Drill

7. Communication, Training and Promotion

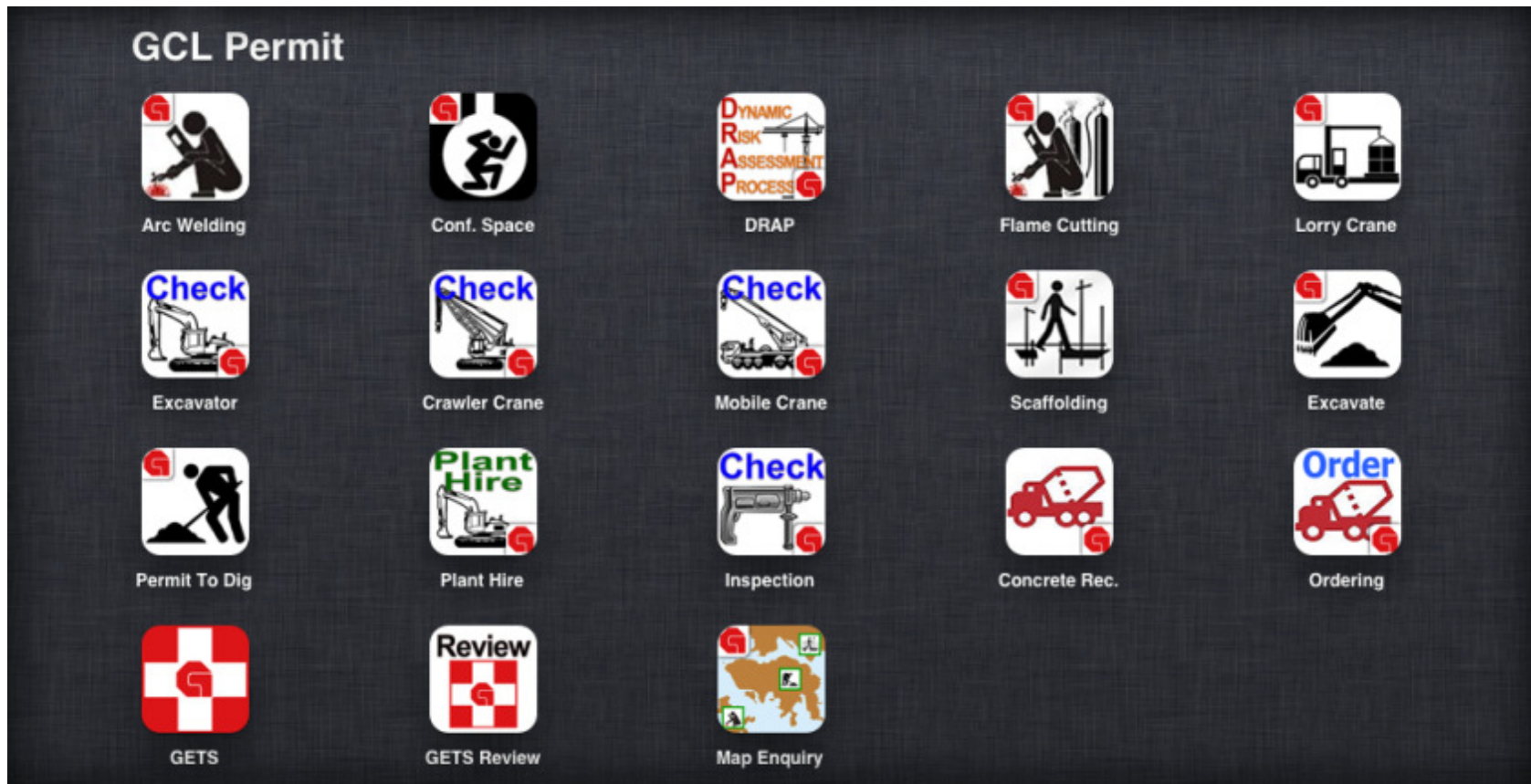
Monthly Outstanding Environmental Workers

Spot prizes were distributed to praise the outstanding performance on environmental protection



Innovation: Paper consumption reduction

Paperless Site Inspection Mobile Safety Checklist Application



Innovation: Paper consumption reduction

i Documents



- access a vast number of digitalized documents including manuals, procedures and handbooks.
- make reference without the hassle of carrying bulky documents.

Saving of paper and Trees

Estimated quantities of paper used for daily inspection = 60 sheets (average)

Estimated quantities of paper used per month for inspection = 1800 sheets



**Paper saved in the project
= 1800 sheets x 12 month
= 21,600 sheets**

**No. of mature tree saved in
the project
= 2.7 nos/yr.**

**- End of Presentation -
Thank you**