



TC E952
Term Contract for Alterations, Maintenance and Repair of Buildings and Lands and Other Properties for which the Architectural Services Department (Property Service Branch) is Responsible (Designated Contract Area: Tai Po, North District and Outlying Islands (North))

Green Contractor Award 2021



Environmental Management

Coordinating Environmental Management System (EMS)



Project
Manager,
Site Agent

Leader to review,
implement and
maintain the EMS
on site



Environmental
Officer
Environmental
Supervisor

Implement,
monitor and
supervise the
EMS on site



Sub-agent,
Engineer,
Foreman

Action &
maintain EMS



Environmental Management

Performance Monitoring

- Joint Inspection
- Environmental management Meeting



Joint Inspection with CM, EO & Auditor



Environmental Meeting with sub-contactors



Tree Protection

Effectiveness Method of Tree Protection

- Risk Assessment
- Protected by canvas



Provide reusable fences to protect the existing trees from any damage by construction works.



Tree Management Information System (TMIS) 樹木管理資訊系統
Tree Risk Assessment Form 1: Tree Group Inspection
樹木風險評估表格1: 樹群檢查

Note: Please create macros before using this workbook.
 請於使用本表格前建立宏。
 (Please Save this Workbook as xls Format)

General Information 基本資料

Dept. 部門/Agency 機構: ArchSD	Inspection Officer 巡查人員: Wong Po Chu	Post 職位: Tree Works Supervisor
File Ref. 檔案編號: TRA-F1-B6128276	Endorsement Officer 覆核人員: Fung Ka Lok	Post 職位: Tree Works Supervisor
Date of Inspection 巡查日期: 22/04/2020	Last Inspection Date 上次巡查日期: 15/01/2020	
Agency 機構/Project 工程 Contract No. 合約編號: TC E992	Inspection Frequency 巡查週期: 12 months 個月	

Location Information 位置資料

Master Zone Departmental Ref. 主區編號: [Redacted]
Sub Zone Departmental Ref. 副區編號: [Redacted]
English Location 英文地點: TINS TAI ROAD CHILDREN'S PLAYGROUND, TAI PO
Chinese Location 中文地點: 新界大埔上水路兒童遊樂場
Tree Risk Management Zone 樹木風險管理區類別: category I 第一類 / category II 第二類 / category III 第三類
Nearby Utility Post No. 附近公用設施編號: [Redacted]

Location Types 地點類別:

<input checked="" type="checkbox"/> Roadside Landscaped Area 路旁綠化帶	<input checked="" type="checkbox"/> Central Divider 中央分隔帶	<input type="checkbox"/> Tree Pit 樹穴	<input type="checkbox"/> Village Entrance 村前圍欄
<input type="checkbox"/> Public Park/Recreation Venue 公園/康樂場地	<input type="checkbox"/> Unallocated Government Land 政府未劃用地	<input type="checkbox"/> Recreational Site Facilities Inside Country Park 郊野公園內康樂場地設施	
<input type="checkbox"/> Remote Crematorium 遠郊墳場	<input type="checkbox"/> Vacant Government Land 政府空地	<input type="checkbox"/> Recreational Site Facilities Outside Country Park 郊野公園外康樂場地設施	
<input type="checkbox"/> Multiple avenues allowed 多條行車道	<input type="checkbox"/> Other (please specify) 其他(請說明)	constructor site	

Tree Information 樹木基本資料

The size of a tree group should be defined by location types, such as public park, SIMAR slopes, tree pits, etc. with due consideration given to the limitations of visual tree assessment.
 在決定樹群的大小時，應參照地點類別，如公園、系統性斜坡、樹穴、樹槽等，並需考慮到視察樹木的局限性。

Main tree species in the group (DBH ≥ 95 mm) and minority tree species of significant size (i.e. species DBH ≥ 100 mm) in the group (major species DBH ≥ 95 mm) 樹群中的主要樹種(胸徑≥95公分的)及樹群中的次要樹種(胸徑≥100公分的)
 (Please delete the "blank" rows before save. 儲存之前，請刪除"空白"行)

Cassia fistula 刺楸(鐘樓豆)	Ass. No. of Trees 大約樹木數量	Height (m) From 樹高(約)至	Height (m) To 樹高(約)至	Overall Health Condition 整體健康狀況	Overall Structural Condition 整體結構狀況
	5	10.0	15.0	Fair 一般	Fair 一般

Total No. of Trees 樹木總數: 5
 No. of rows to be added: 1 Add Row Delete Row

Overall Remarks 整體評語
 There are no visible Cassia fistula in the construction site area. No Fungal fruiting bodies or signs of pests are observed. Overall health and structural condition of those trees are fair.

Target 目標
 Target (people or property potentially affected by tree/branch failure) 目標 (因樹木倒塌或枝幹斷裂而受影響的人或財產)

Does target exist? 目標是否存在? Yes / 是 No / 否
 Can target be moved? 可否移動目標物? Yes / 是 No / 否
 Can the use of site be restricted? 可否限制地點的用途? Yes / 是 No / 否

Frequency of use of location 使用該地點的情況程度
 Occasional Use 偶常使用 Intermittent Use 間歇使用 Frequent Use 頻常使用 Constant Use 持續使用

Identification of Trees for Remedial Action or Detailed Tree Risk Assessment (Form 2) 識別樹木以採取維修措施或進行詳細樹木風險評估 (表格 2)

Trees falling under the following criteria 樹木屬於以下任何一項或多項一項類別	Number of trees 樹木數量	Remedial action or detailed tree risk assessment (Form 2) 維修措施或詳細的樹木風險評估 (表格 2)	Anticipated Completion Date 預計完成日期	Actual Completion Date 完成日期
(1) Old and Valuable Tree (OVT) 古樹名木				
(2) Siltwood tree 山塘樹				
(3) Trees on complaint list with structural or health problems 投訴個案中有結構或健康問題的樹木				



Air Pollution Nuisance Abatement

Effectiveness Method of Dust Control

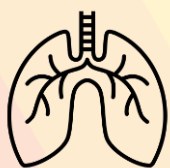
- Canvas
- Shoes washing basin



Opened cement was covered by canvas



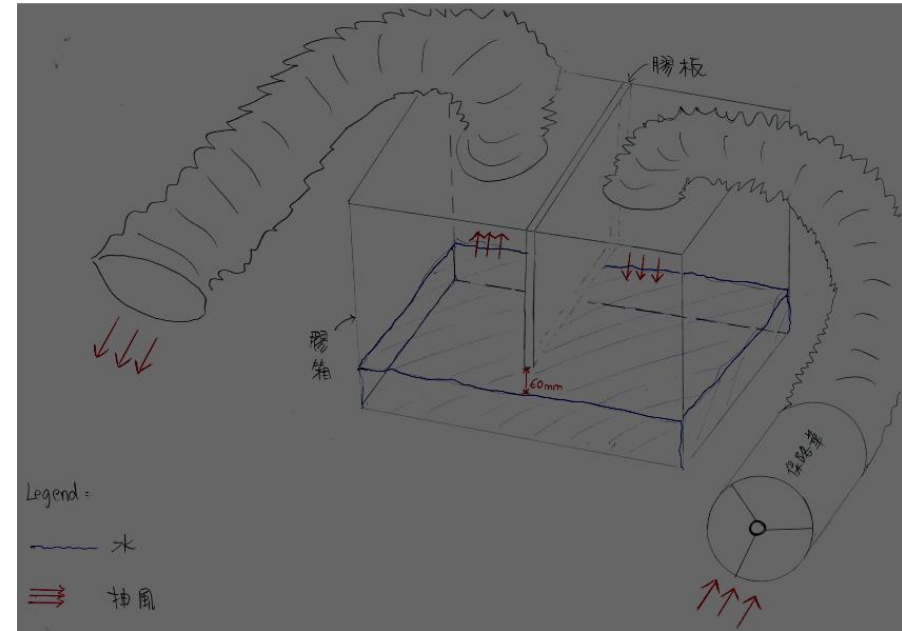
Shoes washing basin with disinfection liquid for before site leaving to prevent dust be taken from shoes



Air Pollution Nuisance Abatement

Effectiveness Method of Dust Control

- Fresh Air Box



Fresh Air Box for dust control and removal of site

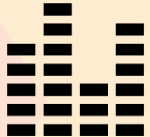
Noise Pollution Nuisance Abatement

Effectiveness Method of Noise Control

- Acoustic panels



Reusable acoustic mats on site boundary which near public



Waste Management

Waste Reduce

- Provide reusable hoarding to reduce construction waste
- Provide solar type flashlight to reduce energy wastage



Solar type flashlight



Waste Management – C & D Material

Waste Reduce & Recycle

- On-site waste sorting



On-site waste sorting

塑膠



鋁罐



廢紙



Waste Management – Chemical Waste

Chemical Waste handling and storage

- Chemical waste disposal & handling training



Drill of handling Chemical spillages



Waste Management – Chemical Waste

Chemical Waste handling and storage

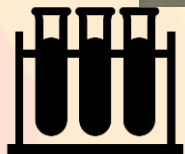
- Designated Chemical storage area



Spill Kit



Chemical storage with chemical waste disposal license and MSDS displayed



Site Cleanliness and Tidiness

Daily Cleaning inspection



Environmental Hygiene

Pest Control

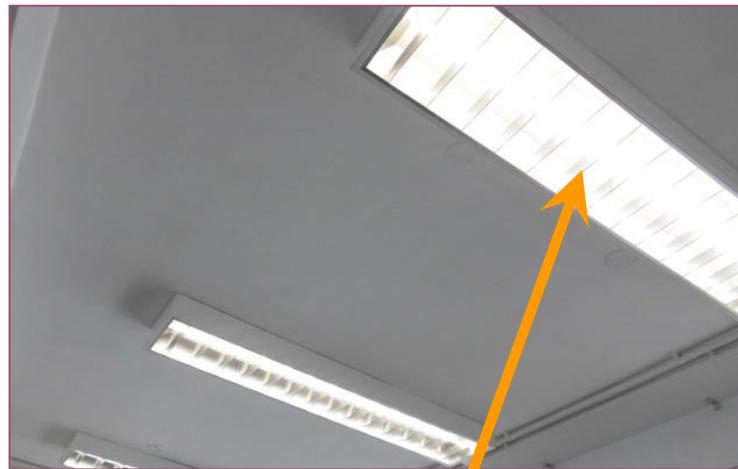
Anti-Mosquito training



Energy Management and Efficiency

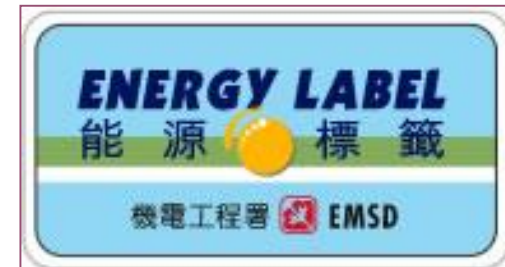
Energy Saving at depot

Energy Saving LCD Monitor



T5 lighting (More energy efficient than T8)

Appliances with Level 1 Energy Label





THANKS