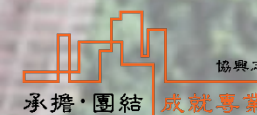




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生命第一 行出安全

「智愛履」：以創新科技與關愛精神築起工地安全文化

灣仔皇后大道東269號住宅工程發展項目

2026年9月24日

Life First Walk the Talk

“Build Smart, Care with Heart, Own the Task”: Empowering Site Safety Culture with Innovation and Compassion

Proposed Residential Development at
No. 269 Queen's Road East, Wan Chai, HK

24 September 2026

安全在
心·文化在
行

讓安全成為習慣

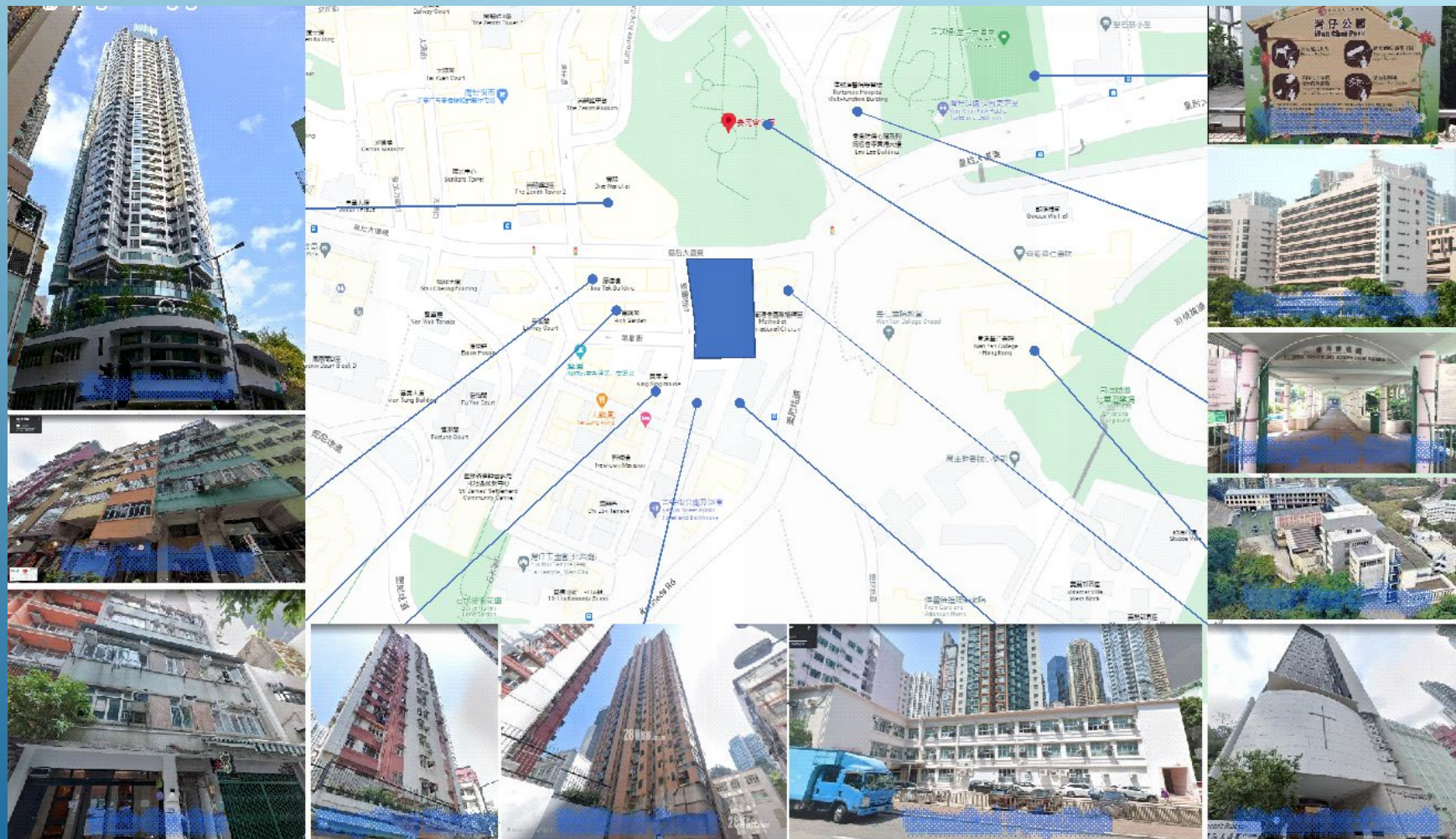


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Project Information



Contract No. 2KS

Proposed Residential Development at No. 269 Queen's Road East, Wan Chai, HK (Programme No. HC202502)



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Project Information

Site Area	1,226.600 m ² (14,423 sq.ft.)
GFA	10,794 m ² (116,200 sq.ft.)
No. of basement storey	1-storey carpark
Nos. of podium storey	3-storey for commercial & clubhouse
Nos. of tower storey	28
Building height	99.255 m (TR/F 120.35m PD)
Nos. of lift	3 + 1
Total nos. of residential units	162 units

Client (Project Manager)	Achieve Bright Limited (Swire Properties Limited)
Architect	Ronald Lu & Partners (HK) Limited
Civil Geotechnical & Structural Engineer	WSP Hong Kong Limited
Building Services Engineer	WSP (Asia) Limited
Façade Consultant	AECOM Asia Company Limited
Interior Designer	ARK Associates Limited
Landscape Consultant	Adrian L. Norman Limited
Acoustic Consultant	SMW Shen Milsom Wike Limited
BEAM Plus Consultant	Ramboll Hong Kong Limited
Quantity Surveyor	Northcroft Hong Kong Limited
Safety Consultant	Linkman Consultancy & Service Ltd.
Design for Safety Consultant	Arcadis Consultancy HK Limited

Contract No. 2KS

Proposed Residential Development at No. 269 Queen's Road East, Wan Chai, HK (Programme No. HC202502)

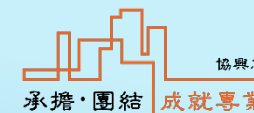
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Bird-view Photos



Contract No. 2KS

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Site Management

Our Safety Management

To be the contractor you trust 以信為本、承建你想



安全先行



共同監管

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智

Build it Smart



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Smart Site Safety System (4S)



360 Camera



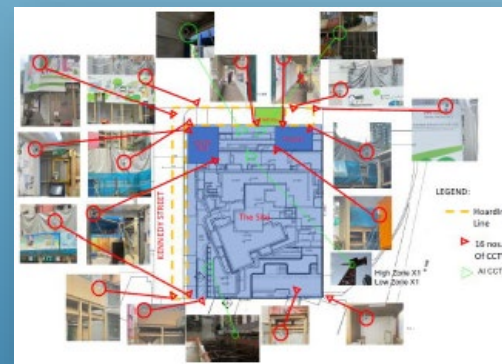
4S Label



Smart watch



E-lock



AI Camera

Contract No. 2KS

Proposed Residential Development at No. 269 Queen's Road East, Wan Chai, HK (Programme No. HC202502)



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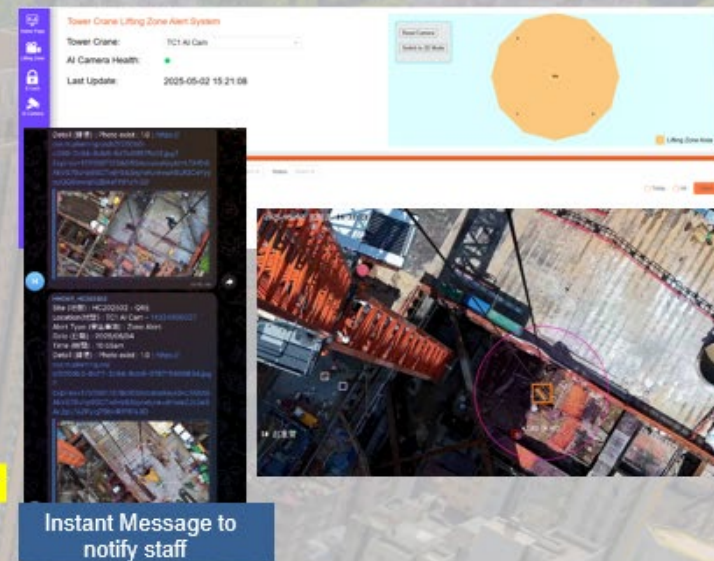
讓安全成為習慣

Lifting Safety



Other:

- 1) Safety standards BS EN14439 (Liebherr)
- 2) Serving period of tower crane should be less than 5 years (Brand New, with letter)
- 3) Additional inspection by RPE in 3-month interval, included visual examination, dimension checks and hammer test
- 4) Thorough inspections at bi-monthly intervals, included opening-up examination
- 5) Brand new cables, wires, ropes and slings shall be installed during the first assembly
- 6) All installed cables, wires, ropes and slings shall be replaced at regular intervals not exceeding 12 months
- 7) SWL shall not be higher than 80% of the original load rating



Artificial Intelligence Camera
for Monitoring Danger Zone
(Tower crane lifting zone)

Lifting Safety

IOTZ01ACUST tower crane wire monitoring system

Over contractual requirement

冷丘物联



IOTZ01ACUST
 通用提升机钢丝绳测到位系统说明书
 v1.0.0.20241022

冷丘(上海)物联科技有限公司
 CLENN IOT Technologies Co., Ltd.



产品实物图:



磁化棒

探测棒



安装示意图



Real time Monitoring and Alerts



Detects Hidden Damage & Predictive Maintenance



Data-Driven Decisions & Extends Rope Life



Prevent Unplanned Downtime



Safety Alarm:
 1.2 % Wire has damaged.

Alarm Records Event Records

Total 1 Records

Current Alarms Historical Alarms

2026-01-06 16:20:5 -- 2026-02-06 16:20:5

Save Filter Quick Filter

The query only shows the latest 200 thousand records

Triggered Time	Alarm Status	Alarm Name	Alarm Content	Alarm Level	Actions
2026/01/09 17:49:59	Restored/Unconfirmed	中度	中高度报警	Warning	Confirm De



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Working at height

Canopus Work-at-height Monitoring System

Over contractual requirement



- ☒ Real-Time Status Monitoring
- ☒ Instant Violation Alerts
- ☒ Accurate Location Tracking
- ☒ Data Analysis for Training
- ☒ User-Friendly Hardware

Smart Safety Harness



Contract No. 2KS

Proposed Residential Development at No. 269 Queen's Road East, Wan Chai, HK (Programme No. HC202502)

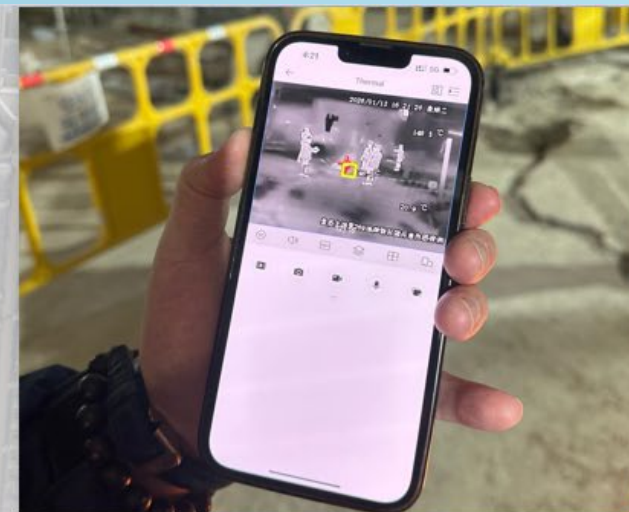


Fire Safety

Thermal Artificial Intelligence Cameras Fire Monitoring System

Over contractual
requirement

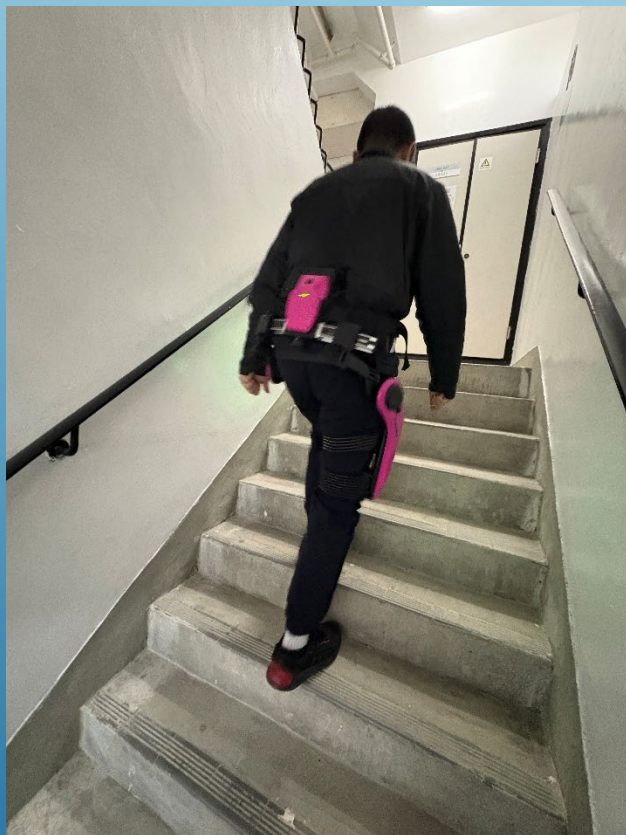
Thermal AI cameras analysis data from both the thermal and visual channels to identify the signatures of flames and smoke to reduce the risk level of fire hazard.



Developed digital platforms for ultra-early warning and data analysis

- ☒ Comprehensive and Accuracy Monitoring
- ☒ Automated Suppression and Alert System
- ☒ AI-Powered Analysis

Manual handling

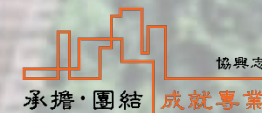
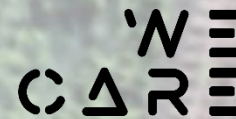


Exoskeleton



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愛

Care with Heart



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Care of Workers & Others



Contract No. 2KS

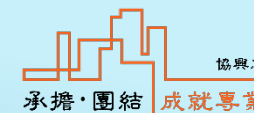
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Care of Workers & Others



Tea break Activities for Sub-Contractors

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Safety Measure – Health Examination



CIC Medical
Examination Scheme



Health Seminar

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讓安全成為習慣

Safety Measure – Health Monitoring



Health check-up station

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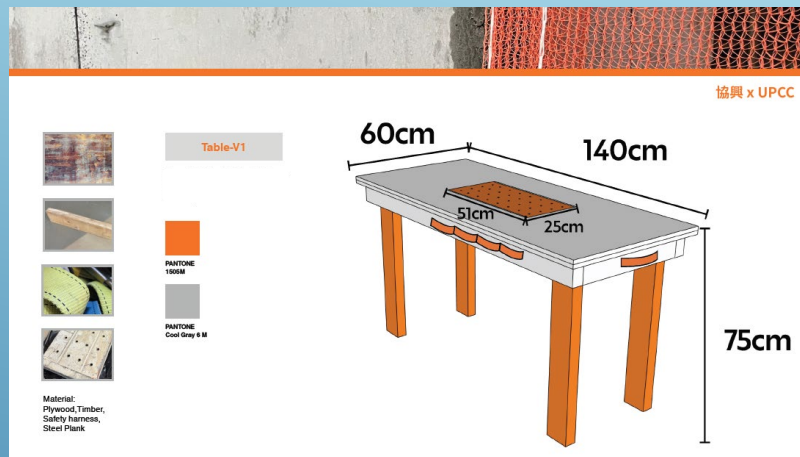
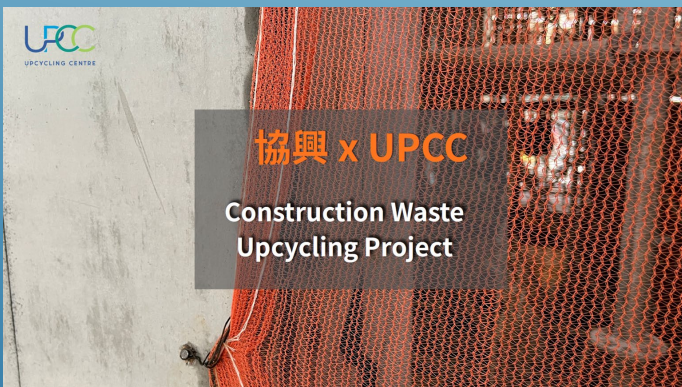
讓安全成為習慣

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讓安全成為習慣

Environmental Consciousness – Waste Management

Collaboration with UPCYCLING centre of St' James Settlement



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讓安全成為習慣

Environmental Consciousness – Waste Management

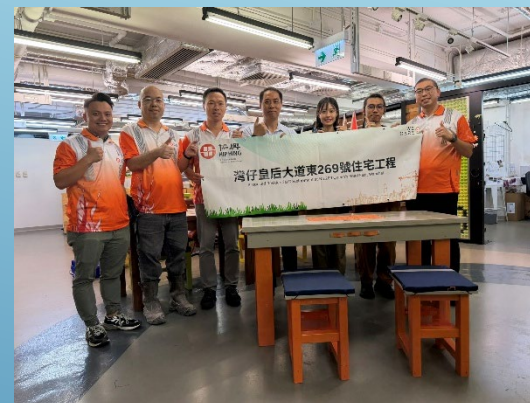
Collaboration with UPCYCLING centre of St' James Settlement



From waste to Social Commitment X Environmental Friendly action

Environmental Consciousness – Waste Management

Collaboration with UPCYCLING centre of St' James Settlement



From waste to Social Commitement X Environmental Friendly action

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履
Own the Task

Engineer (BE)

Design for safety

Early planning - Neighborhood (Church & Brilliant Court)



Planning of de-rust and painting operation to steel plate of church



Precast façade panel at external wall facing Brilliant Court to minimize disruption

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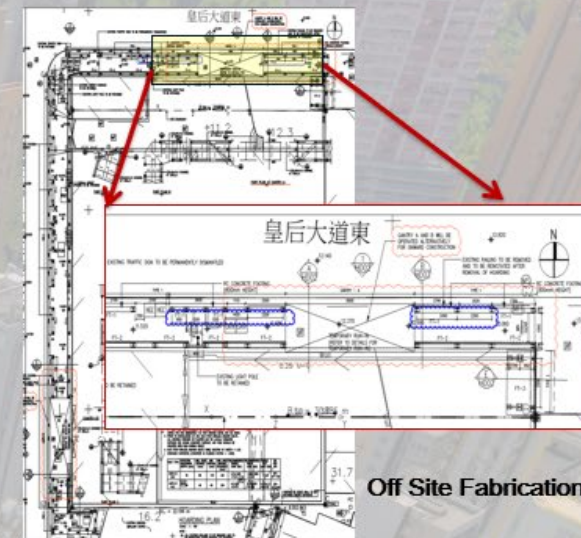
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Engineer (Structure)

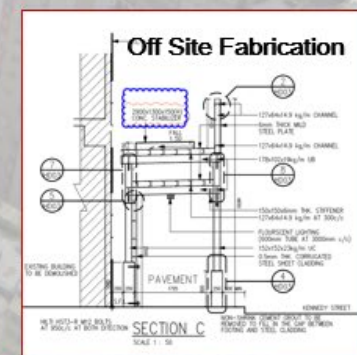
Design for safety

Hoarding Modification Works

- Using Tower Crane to hold the dismantled part Instead of Lorry crane
- Using Off Site Fabrication Covered Deck Instead of On Site Fabrication
 - More Working Space can be released
 - Shorten the construction period to decrease public disturbance on Queen Road East Road



Off Site Fabrication



Engineer (BS)

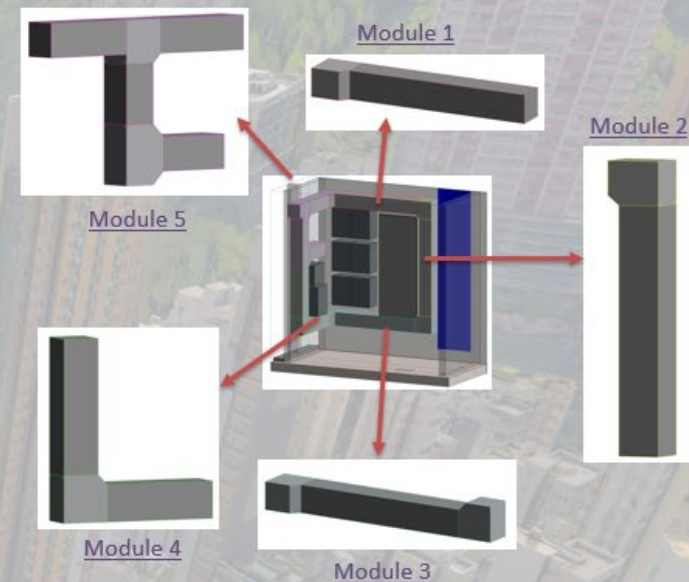
Design for safety

Design for Manufacturing and Assembly (DFMA)

- Prefabricated water meter connection assembly
- Modules installation on typical electrical rooms

- The entire electrical installation inside electrical room on typical floor can be divided into different modules and custom make at factory (c/w holes & openings).

- ✓ Safety workplace – modules installation can eliminate on-site cutting works by hand tools
- ✓ Sustainability – reduce waste materials, debits at workplace
- ✓ Efficiency – time effective with higher quality





Site Management

All stakeholders involved



Preparation of MS & RA

Supervision, Control & Instruction

MS & RA Review Meeting

Safety Briefing

Task Launching Briefing

Risk Assessment Team (RAT) and In-House Safety Standard

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CIC three life-saving tips



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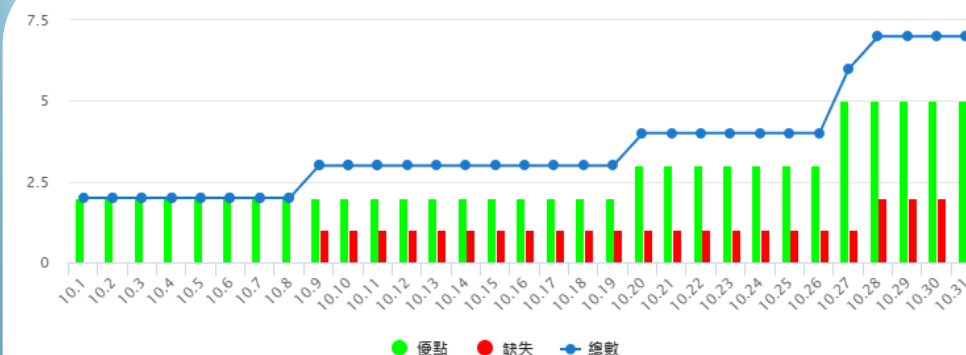
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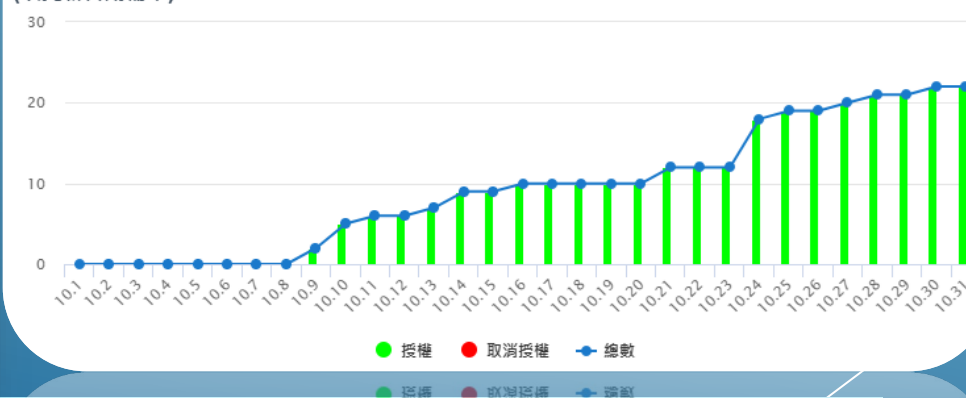
Frontline and workers



累計紀錄數量



累計前線工人授權/撤銷授權數量
(以更新日期為準)





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HH Connect 協興工地通 「同理·分享」推廣計劃

以科技與創新，建構關愛文化與行業



Contract No. 2KS

Proposed Residential Development at No. 269 Queen's Road East, Wan Chai, HK (Programme No. HC202502)

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協興工地通 - 「同理·分享」推廣計劃



工地通APP 首頁版面



以動態橫幅、海報及影片宣導**重點安全意識**。

由工友 第一身 分享



有效提升信息接受度

工友透過 WhatsApp／微信與其工友分享內容，以**賺取獎勵代幣**。

分享 無界限

已載工地通者直接打開分享內容閱覽。



鼓勵尚未下載工地通者下載加入**協興工地通**。
(支援 Apple/ Play/ Huawei Store)

代幣 兌換 獎賞

整合於既有運行的工地獎通獎賞計劃。



後台大數據 追蹤分析



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讓安全成為習慣

獎勵

每月派額超過
10萬

- 分享 5 人 獎勵 10 個代幣
- 分享 10 人 獎勵 20 個代幣
- 分享 15 人 獎勵 50 個代幣

** 以被分享者 成功閱覽信息 後，達指定數量才計算獎勵

每月分享之星
\$3000 現金大獎

「分享之星」大獎勵
\$3,000 現金獎



宣傳橫額



Hip Hing Connect App

協興工地通

「同理」分享 安全獎賞計劃

分享得多, 獎賞越多!

獎賞停不了

分享與獎勵機制

分享	獎勵代幣	分享	獎勵代幣	分享	獎勵代幣
5人	10個	10人	20個	15人	50個

- 每月按計算分享者的首次成功閱覽，同一信息的連續閱覽不再計算獎勵。
- 有獎 (按計算的最低一天作計算) 分享者每人基本獲上獎 50個代幣。
- 每月基本獲上獎100,000代幣，即獲2,000名幸運人士。
- 以被分享者成功閱覽安全信息後，達到指定數量才可計算獎勵。
- 代幣可以換取工地服務或在地盤安全推廣活動中購買獎券或獎品。

「分享之星」特別大獎

- 每月的最後一天作統計，賞 5 名最高分享者可獲現金 HKD\$3,000 獎金。
- 參加獎需最低門檻：成功分享人數需達最少 20 人。
- 以被分享者的首次成功閱覽安全信息方可計算獎勵。

任何有獎，獎賞停不了

45

獎勵一代幣兌換獎品

Chinese Description	Description
自動售賣機	安全推廣 自助售賣機 Vending Machine
50元超市現金券	超市現金券 \$50 Cash Coupon

Type	Description	Value
Safety & Health	供區駐則運維舉工人發覺樓宇問題 (安全大馬路)	20
Safety & Health	當區行為監察員	20
Safety & Health	進行危險施工操作，保護區人士安全設施	20
Safety & Health	進行危險施工操作，保護區人士安全設施及施工上	20
Safety & Health	分別兩地防範管理處署署長工務局局長	30
Safety & Health	主動淨化空氣污染，改善安全環境	50



**安全推廣自助售賣機
 兌換個人防護裝備/飲品**

未來方向 Future Directions

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