

September 2020

Special points of interest:

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- > **Latest Updates on MiC Projects in Hong Kong**
- > **HK Buildings Department Pre-accepted List on MiC**
- > **Past and Upcoming DfMA/MiC Events**
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Hot Topic—Quarantine Centres in Hong Kong

Quarantine Units Can Resist Wind Under Hurricane Signal No. 10

By adopting the Modular Integrated Construction (MiC) method, the CEDD and the ArchSD have completed 100 and 700 quarantine units respectively at the Penny's Bay Phase 1 site. The innovative construction method raised public concern on the quality and safety issue on the quarantine units. In

response to the media enquiries on the construction of quarantine camps, the CEDD and the ArchSD issued a press release on July 31. In the press release, it was stated that the quarantine camp units have been designed in accordance with the "Code of Practice on Wind Effects in Hong Kong" published by the Buildings

Department. The design wind speed adopted is higher than the gust wind speed under the Hong Kong Observatory Hurricane Signal No. 10, which dispels public doubts on the safety issue of the quarantine units. 2000 more quarantine units will be completed at Penny's Bay by the end of this year.

Image courtesy of
AluHouse

The Occupancy of the currently operating MiC quarantine (as of 9am, 31 Aug 2020)

Quarantine Centres	Total Capacity (Units)	Currently in Use (Units)	Ready to be Used (Units)
1 JPC Permanent Activity Centre and Integrated Youth Training Camp	205	55	109
2 Sai Kung Outdoor Recreation Centre	99	50	39
3 Penny's Bay Quarantine Centre Phase I	800	222	337
Total	1104	327	485

Source:
chp.gov.hk

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RELATED NEWS

- 19 Jul 2020 [Expo's use as isolation centre mulled](#)
Source: News.gov.hk, Hong Kong
- 24 Jul 2020 [Paul Y. Engineering Completes Sai Kung Temporary Quarantine Facilities with MiC Implementation](#)
Source: Paul Y. Engineering, Hong Kong
- 26 Jul 2020 [Constructing Quarantine Camps using Modular Integrated Construction \(MiC\) technology](#)
Source: devb.gov.hk, Hong Kong
- 6 Aug 2020 [金門建築組裝合成技術 兩貨櫃改建負壓隔離病房 成本約 200 萬](#)
Source: 香港 01, 香港
- 7 Aug 2020 [組裝合成負壓隔離病房 凌晨移送亞博館外重組測試](#)
Source: 東網, 香港

Latest Updates on MiC Projects in Hong Kong



InnoCell at Hong Kong Science Park

> Installation of MiC modules completed in May 2020

> Issue of Occupation Permit from the Buildings Department expected in Q4 2020

Source: HKSTP

Related News

7 Jul 2020 [ATAL Spearheads to Participate in InnoCell Project – A Pioneering MiC Project in Hong Kong Integrating BIM with MEP Modularisation](#)

Source: ATAL, Hong Kong

19 Aug 2020 [科學園組裝合成建宿舍 施工逾年零工傷](#)

Source: 明報, 香港

19 Aug 2020 [建造業「小龍女」：地盤無分男女 盼靠努力耕耘打破建造業「3D」形象](#)

Source: 香港經濟日報, 香港

Nam Cheong 220

> Issue of Occupation Permit from the Buildings Department in the middle of July 2020

> Tenants move in Aug 2020

Source: HKCSS



Related News

6 Jul 2020 [南昌街項目最快下月入伙 超額 3.5 倍](#)

Source: 明報, Hong Kong

18 Aug 2020 [首個組合屋完工 租戶月底可入伙](#)

Source: 團結香港基金, 香港

18 Aug 2020 [社聯組合社會房屋計劃「南昌 220」#timelapse](#)

Source: HKCSS, Hong Kong

19 Aug 2020 [全港首個組合社會房屋落成 讓基層有個舒適的「家」](#)

Source: HKCSS, Hong Kong

19 Aug 2020 [全港首個組合社會房屋竣工社聯「組合社會房屋計劃」-「南昌 220」](#)

Source: HKCSS, Hong Kong



Disciplined Services Quarters for the Fire Services Department at Pak Shing Kok, Tseung Kwan O

> Installation of modules completed in August 2020

> Project completion expected in Q2 2021

Source: ArchSD

Related News

24 Aug 2020 [Topping-out ceremony for first concrete Modular Integrated Construction pilot project \(with photos\)](#)

Source: The Government of HKSAR Press Releases, Hong Kong

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HK Buildings Department Pre-accepted List on MiC

Latest Pre-accepted Modular Integrated Construction Systems / Components

Type of Structure	Supplier	BD's Acceptance Reference no.	Model No.	Date of Acceptance
Concrete	China State Hailong Construction Technology Company Limited	MiC 15 /2020	CSHL-RC-MiC (Module Type: A, B and C)	26 Aug 2020

Total Number of MiC Systems Accepted by the Buildings Department (as of 31 Aug 2020)

Type of Structure	Numbers of Pre-accepted System
Steel	16
Concrete	6
Total:	22

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Past and Upcoming DfMA/MiC Events

Upcoming Events

- 4 Sep 2020 [粵港澳大灣區建築機器人與模塊化建造\(MiC\)推廣會](#)
活動由深圳市建設科技促進中心主辦，旨在推動粵港澳大灣區建設領域科技成果交流，活動將以全程直播方式舉行
深圳市建設科技促進中心
- 9 Sep 2020 [DfMA Alliance x CITAC Webinar on Construction Industry Transformation - DfMA and Other Trends](#)
Local DfMA expert, Ir Ian ASKEW from Gammon Construction Ltd., to share his insight and experience on adopting DfMA approach and other cutting-edge technologies in local and overseas construction projects.
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Past Events

- 8 Jul 2020 [“One From One Thousand” Season 6: Transitional Social Housing – Deliver with Expediency and Decency](#)
PolyU Jockey Club Operation SOINNO
- 13-15 Aug 2020 [Forum on the 2nd International Conference on Modular Integrated Building \(Architecture\) Technology and Applications](#)
[Precast.com.cn](#)
- 26 Aug 2020 [Webinar on A Lean Construction Approach – Advanced System Formwork](#)
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Local, Mainland China and International News

LOCAL

7 Aug 2020 [政府擬在亞博館旁建臨時醫院 \(Chinese only\)](#)

Source: News.gov.hk, Hong Kong

MAINLAND CHINA

2 Jul 2020 [河北石家庄：2020 年上半年装配式建筑达到 168 万平方米](#)

Source: 预制建筑网 (Precast.com.cn)

3 Jul 2020 [山东济南装配式建筑 3-5% 不计容积率助力城市建筑品质提升](#)

Source: 预制建筑网 (Precast.com.cn)

INTERNATIONAL

6 Jul 2020 [19 modular apartments delivered to Royal Arsenal Riverside site](#)

Source: PBCToday, UK

23 Jul 2020 [Premier Modular to deliver modular housing for the homeless](#)

Source: PBCToday, UK

3 Aug 2020 [All about the world's tallest modular building!](#)

Source: Construction World, UK

10 Aug 2020 [World's tallest prefab skyscrapers will rise in Singapore – but they're being built in Malaysia](#)

Source: CNN, US

10 Aug 2020 [The Myths of Modern Methods of Construction](#)

Source: PBCToday, UK

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