



中華人民共和國香港特別行政區政府
發展局
Development Bureau
The Government of the Hong Kong Special Administrative Region
of the People's Republic of China



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會



安全智慧工地系統標籤計劃
SMART SITE SAFETY SYSTEM
LABELLING SCHEME

安全智慧工地系統標籤計劃

SMART SITE SAFETY SYSTEM (4S) LABELLING SCHEME

立即申請 APPLY NOW!



查詢 ENQUIRIES

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cic.hk/4s-labelling



簡介 INTRODUCTION

簡 介

發展局在 2023 年已發出工務技術通告 3/2023 號要求工務工程上合約金額超過 3,000 萬元的基本工程合約必須全面應用安全智慧工地系統。

發展局和建造業議會合作推出安全智慧工地標籤計劃（標籤計劃），推動工務工程和私人發展項目全面應用安全智慧工地系統，以進一步提升建造業安全表現。

有興趣參與標籤計劃的總承建商可以直接向建造業議會提出申請。如工地被確認已適當應用安全智慧工地系統，將獲發具有獨特認證牌匾以展示於工地入口以及該工程合約與其標籤將發布於建造業議會網站。

In 2023, the Works Branch of the Development Bureau of the Government of the Hong Kong Special Administrative Region (DEVB) has issued Technical Circular (Works) No. 3/2023 promulgating the adoption of Smart Site Safety System (4S) in capital works contracts with a contract sum exceeding \$30 million.

The DEVB and the Construction Industry Council (CIC) have collaboratively rolled out the Smart Site Safety System Labelling Scheme (4SLS) to drive the full adoption of 4S in both public and private works contracts for further uplifting the safety performance of the construction industry.

Main contractors having interest to include their works projects in the 4SLS should apply directly to the CIC. If 4S has been satisfactorily adopted, a plaque with unique identification will be presented to the corresponding main contractor for displaying at the site entrance and the information of works contracts with 4S Label will be published on the CIC website.

目的 OBJECTIVES

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推廣應用安全智慧工地系統進一步提升工地安全水平。

To promote the use of 4S for further uplifting site safety.

確保工地正確使用安全智慧工地系統以持續監控高風險活動。

To ascertain the proper use of 4S for continuous monitoring high-risk activities.



建築工程項目中正確運用安全智慧工地系統：
Proper use of 4S in construction projects:

01 安全智慧工地系統的示例可參考發展局《工務技術通告 3/2023 號》及建造業議會參考資料《建築地盤智能安全相關科技指南》和《安全智慧工地系統標準套餐》。

Sample use of 4S can refer to, but is not limited to, DEVB “Technical Circular (Works) No. 3/2023”, CIC Reference Material “Guide to Smart Safety-related Technologies for use in Construction Works” and “Sample packages of suggested commonly-used SSSS products”.

02 項目團隊應基於工程性質及 / 或風險去選購合適的智能安全裝置。

The project team should select suitable types of smart safety devices based on the nature and/or risk(s) of the construction works.

03 如發現任何安全智慧工地系統元件發生故障而未能即時修復，應實施後備方案。

If any 4S component malfunctions and cannot be rectified quickly, an alternative backup plan should be implemented.

04 安全智慧工地系統供應商或委託人員應定期檢查所有安全智慧工地系統元件，工程項目進行期間亦應保存所有檢查報告，在有需要時向建造業議會或工務部門提供作查閱。

The 4S vendor or delegated person who familiar with the implemented system should perform regular functional check of all 4S components, and the check reports should be kept throughout the project period and presented for inspection by the CIC or Works Department upon request.



ASSESSMENT CRITERIA

應根據工程的範圍和性質來識別風險。全面的風險評估應由安全人員完成並應參考由勞工處發出《安全實務守則》來確定風險。

Risks should be identified based on the scope and nature of construction works. A comprehensive risk assessment should be done by the safety officer and determination of risks should be referred to the “Code of Practice on Safety Management” issued by Labour Department.

應使用相關的安全智慧工地系統來解決已識別風險。如一種解決方案能緩解多種風險，它應在不同時期或位置廣泛採用。

Relevant 4S should be applied to address respective risks identified. If one solution is applied to mitigate certain risks, it should be adopted broadly across different times and locations whenever applicable.

應提交安全智慧工地系統設備、感測器 / 攝像頭在操作期間的設置位置以展示正確使用安全智慧工地系統。對於如智能穿戴設備之沒有固定位置的安全智慧工地系統解決方案，應提交操作安排或其他相關文件以描述解決方案的應用。

Location plans for the 4S devices, sensors/ cameras setup during the works should be submitted to demonstrate the proper implementation of 4S solutions. For 4S solutions without a fixed location, such as smart wearables, operation arrangements or other related documents describing the use of the solutions should be submitted.

在預計完成安裝安全智慧工地系統的工地，承建商需於現場視察期間展示正確安裝和持續運行的安全智慧工地系統。

Proper installation and continuous functioning of 4S solutions should be demonstrated during the site inspection conducted after the expected deployment date.

申請流程

APPLICATION PROCEDURE



申請及續期費用

APPLICATION FEE AND RENEWAL

2025年1月1日前申請費用全免。
新申請和續期申請的有效期均為一年。
如果沒有提出續期申請，
標籤則自動失效。

Application fee is waived before
1 January 2025.

Each new application and renewal will
be valid for one year.

The label will be lapsed automatically
if no renewal application is made.

評審結果公布

NOTIFICATION OF ASSESSMENT RESULT

總承建商將獲電郵通知評估結果。如工地被確認已適當應用安全智慧工地系統，將獲發具有獨特認證牌匾以展示於工地入口。
獲安全智慧工地系統標籤的項目將在標籤計劃網頁發布，並定期交予勞工處。

Main contractors will be informed of the assessment result by email. If 4S has been satisfactorily adopted, a plaque with unique identification will be presented to the corresponding main contractor for displaying at the site entrance.

Labelled projects will be listed on the 4SLS webpage and regularly provided to the Labour Department.

