



“Construction Workers Registration System”

User Manual

Construction Industry Council

Last Update: Jan 2019

© The Construction Industry Council (CIC)

The contents of this document remain the property of, and may not be reproduced in whole or in part without the express permission of the CIC.

TABLE OF CONTENTS

1.	CIC DAILY ATTENDANCE RECORD APPLICATION (CIC DAR APP)	8
1.1.	LOGIN / LOGOUT	8
1.1.1.	Personal Data Collection Statement	8
1.1.2.	Login	9
1.1.3.	Device Registration	10
1.1.4.	Device Deregistration	11
1.1.5.	Contract Selection	12
1.1.6.	Validation Setup	13
1.1.6.1.	Screen Always On	13
1.1.6.2.	Tap Indicator	13
1.1.6.3.	Security Level	13
1.1.6.4.	Biometric	13
1.1.6.5.	Auto Start	14
1.1.6.6.	Heartbeat	14
1.1.6.7.	Auto Download Updated Version	14
1.1.6.8.	Return Signal Response Time (seconds)	14
1.2.	GOOD LIST MANAGEMENT	15
1.2.1.	Construction Workers' Registration	15
1.2.2.	Review Workers Registration Details	16
1.2.3.	Edit Workers Registration Details	17
1.2.4.	Delete Workers Registration Details	18
1.3.	CAPTURE DAILY ATTENDANCE RECORD	19
1.3.1.	In / Out / Tap Mode	19
1.3.1.1.	Switch Capture Mode	20
1.3.2.	Back to Main Menu	24
1.4.	DATA SYNCHRONIZATION	25
1.5.	MASTER & SLAVE DEVICE	26
1.6.	AUTO DOWNLOAD UPDATED VERSION	28
1.7.	AUTO LOCK SCREEN FEATURES	28
1.8.	ABOUT	30
1.9.	LOGOUT	30
2.	CONSTRUCTION WORKERS REGISTRATION GATEWAY (CWRG)	31
2.1.	LOGIN / LOGOUT	31
2.1.1.	Login	31
2.1.2.	Logout	32
2.1.3.	Forget Password	33
2.1.4.	Change Password	34
2.2.	CONTRACTOR & CONTRACT ACCOUNTS MAINTENANCE	35
2.2.1.	Contractor Profile	35
2.2.1.1.	Update Contractor Basic Information	37
2.2.1.2.	Create Contract or Information Update Request	38
2.2.1.3.	Application History	40
2.2.1.4.	Cancel Update Request	40
2.2.2.	Contract Profile	41
2.2.2.1.	Request Contract Completion in Advance	45
2.2.2.2.	Quick Edit Contract	46
2.2.2.3.	Create Contract Information Update Request	47
2.2.2.4.	Apply new Contract Application	50
2.2.2.5.	Search Contract Application	54
2.2.2.6.	Cancel Created Contract Information Update Request	55
2.2.2.7.	Edit Draft Contract application request	56
2.2.3.	Contract Management	57
2.2.3.1.	Assign Site Admin (For Master Admin ONLY)	57
2.2.3.2.	Create Site Admin Account (For Master Admin ONLY)	58
2.2.3.3.	Download Daily Attendance Record	59
2.2.3.4.	Mass Daily Attendance Record Deletion	60
2.2.3.5.	Search Locked Site Admin Account	62

2.2.3.6.	Search Site Admins.....	63
2.3.	DAILY ATTENDANCE RECORD MAINTENANCE	64
2.3.1.	Daily Attendance Record Submission	64
2.3.1.1.	Daily Attendance Record Submission Status of All Contracts	64
2.3.1.2.	Manage the DAR Upload Status of the Specified Contract.....	66
2.3.1.3.	Card Reading Device Synchronization Status	68
2.3.1.4.	Maintain Daily Attendance Record.....	70
2.3.2.	Modify Daily Attendance Record.....	71
2.3.2.1.	Add Daily Attendance Record.....	71
2.3.2.2.	Edit Daily Attendance Record.....	72
2.3.2.3.	Delete / Undo the Deletion.....	73
2.3.3.	Upload Daily Attendance Record for Exempted Site.....	74
2.3.4.	Daily Attendance Record Submission	76
2.3.5.	DAR for Verification.....	78
2.3.6.	Download Raw DAR / Submitted DAR.....	79
2.3.7.	Change Subscription Status for DAR Submission Reminder	79
2.4.	OTHER FUNCTIONS.....	80
2.4.1.	Manage Registered Construction Workers details	80
2.4.1.1.	Preview Good List Synchronization Status	81
2.4.1.2.	Create / Edit / Delete Registered Workers from the Good List	83
2.4.1.3.	Edit Good List.....	84
2.4.1.4.	Delete Registration Record from the Good List	85
2.4.1.5.	Mass Update End Date in Good List	86
2.4.1.6.	Resolve Good List Conflicts	87
2.4.2.	Export	88
2.4.2.1.	Worker Detail.....	88
2.4.3.	Change Account Details	90
2.4.3.1.	Change Account Information.....	90
2.4.3.2.	Change Password	90
2.4.4.	Download.....	91
2.4.4.1.	Trade code	91
2.4.4.2.	Bad List	92
2.4.4.3.	CIC DAR Application	92
2.4.4.4.	CWRS Chinese User Manual	92
2.4.4.5.	CWRS English User Manual	92
2.4.5.	CWRG Version number	93
2.4.6.	Personal Information Collection Statement of using CWRG.....	93
2.4.7.	Personal Information Collection Statement for DAR application download	94
2.4.8.	Email notification.....	95
2.4.8.1.	Contract application approval	95
2.4.8.2.	DAR submission reminder	95
2.4.8.3.	DAR submission confirmation.....	95
2.4.8.4.	Early contract completion application approval.....	95
2.4.8.5.	Lock Master Admin account after 20-times of failed login	96
2.4.8.6.	Reset password application for Master Admin Account.....	96
2.4.8.7.	Non-compliance notification	96
2.4.8.8.	No Heartbeat Signal or Incomplete Data Transfer in Device.....	96
2.4.9.	View Uploaded DAR problem.....	96
2.4.10.	Export good list in excel format	97
2.4.11.	Heartbeat	98
2.4.12.	Device deregistration	99
3.	SCENARIOS	100
3.1.	MULTIPLE SITE ADMINS, SINGLE DEVICE, MULTIPLE CONTRACTS	100
3.2.	MULTIPLE SITE ADMINS, MULTIPLE DEVICES, SINGLE CONTRACT	101
3.3.	MULTIPLE SITE ADMINS, SINGLE DEVICE, SINGLE CONTRACT	102

Revision History

Version	Date Issued	Summary of Changes
1.0.0	15 Dec 2015	<ul style="list-style-type: none"> Original version
1.3.5	15 Apr 2016	<ul style="list-style-type: none"> New – Bilingual display New – Apply new contract: create and submit a request for contract information update New – New contractor application: create and submit a request for contractor information update New – Contract application review: search contract application New – Contract application review: view contract application New – Edit contract: edit contract application New – Edit contract: cancel the request for contract information update New – Contract application review: cancel contract registration application New – Edit contractor profile: view contractor application history New – Edit contractor profile: cancel the request for contractor information update New – Good list detail: good list total worker
1.3.6	24 Jun 2016	<ul style="list-style-type: none"> New – 1.1.1 Login: auto lock account function New – Login: forget password New – Contractor profile: update contractor basic information New – Contract profile: request contract completion in advance New – Contract profile: quick edit contract New – 2.2.3.5 Contract management: Search Locked Site Admin Account New – 2.3.2.2 DAR maintenance: upload daily attendance record New – 2.3.7 DAR maintenance: Change subscription status for DAR submission reminder New – Other functions: resolve good list conflicts New – Other functions: Change account details Change – UI labels and wordings changes throughout the system
1.3.7	8 Jul 2016	<ul style="list-style-type: none"> New – 1.1.1 DAR App user interface: personal data collection statement New – 1.1.6.5 DAR App validation setup: auto start New – 1.2.3 DAR App good list management: edit workers registration details New – 1.2.4 DAR App good list management: delete workers registration details New – DAR App about screen: Go to CIC Channel
1.3.8	23 Sep 2016	<ul style="list-style-type: none"> New – All : Add Disclaimer and Privacy Policy Statement New – Contract : Add a contract sum field in Contract Profile New – Contracts With Attendance Problem : Add new module to check uploaded DAR problems New – Create Site Admin Account : Show contract description in Create Site Admin New – DAR Submission : Add filtering for device name search in DAR Submission New – Export Good List As Excel : Add new function to export good list detail in Excel Format New – Search Good List Problem : Add a function to list out existing problematic good list records New – Search Site Admin : Show login id of Site Admin in Assign Site Admin and Search Site Admin Enhance – Admin Account Profile : Default English name of Master Admin as Company English Name Enhance – All : Change the Chinese name of Site Representative, Contract Authorization, Master Admin and Site Admin Enhance – All : Change the color of loading bar Enhance – All : Improve the zooming problem Enhance – All : Improve the display of logout problem

		<ul style="list-style-type: none"> • Enhance – Contract : Change contract status to 'Ended' according to site end date in contract • Enhance – Contract: Add contract 'Completed' status to indicate CIC received completion certificate. • Enhance – Contractor & Contract Profile : Improve the data control in Phone and Fax number • Enhance – Contractor & Contract Profile : Control the read and edit function in Contractor Profile • Enhance – Contractor/ Contract : Control the read and edit function in Contract Profile by Site Admin • Enhance – DAR Submission : Speed up the display of submission in DAR Submission • Enhance – DAR Submission : Change the color of Due Date in DAR Submission • Enhance – Email Notification : Update the wording of email heading • Enhance – Email Notification : Add Site Representative as a recipients in Contract Advance Completion Request Application Approval Email • Enhance – Email Notification : Add Site Representative and remove Master Admin as a recipients in DAR Submission Confirmation Email • Enhance – Email Notification : Add Site Representative as a recipients in DAR Submission Reminder • Enhance – Upload DAR for exempted site : Accept using 'I', 'O', 'C406' to represent 'In', 'Out' and 'Green' • Fix – Assign Site Admin : Fixing the contract assign contract in assign site admin module • Fix – DAR Submission : Fixing the auto refresh problem when cancel DAR submission • Fix – Email Notification : Fixing the hyper link in email draft contractor application and reset password • Fix – Menu Bar : Fixing the display problem of username in menu bar • Fix – Release Locked Account : Fixing the problem if searching locked site admin account
2.0	14 Nov 2016	<ul style="list-style-type: none"> • New – Add-on function : Sync time from Master to Slave device(*Only support on CIC Device) • New – Add-on function : Lock screen function(*Only support on CIC Device) • New – Add-on function : Heartbeat Signal • New – Add-on function : Automatic download latest App to device if any version upgrade • New – Add-on function : Check version upgrade and download file from Master Device to Slave • New – Add-on function : The App will be started automatically when a CWR card was detected • New – DAR handling : Play different sound when invalid card tapped • New – User Interface : Enlarged font size of retry message • New – User Interface : Show device name/version at Tap Card page • Update – User Interface : New App Icon
2.1	26 Jan 2017	<ul style="list-style-type: none"> • New – News : A new page for CIC news publishing • New – Contract : Add 'Street Name' for contract with multiple locations and add 'District Area' for contract with single location • New – News : DAR Submission By Worker/ Upload DAR for exempted site : Provide Card Running Number for Worker DAR • New – Download DAR : Add CIC Reference Number • New – Download Submitted DAR in Excel : Add Submitted By information • New – Contract : Add field 'Require Biometric Integration' to specify any biometric device integration required in contract • New – Support full bilingual display

		<ul style="list-style-type: none"> • New – DAR for Verification : Control the read function in 'DAR for Verification' by Site Admin • New – All - Improve the graphic display • New – Email Notification : Add Company Representative & Site Representative but remove Master Admin as recipients in 'No Heartbeat Signal or Incomplete Data Transfer in Device' Email • Enhancement – Confirm to submit Daily Attendance Record : Reminder to verify attendance records with reference to the upload error • Enhancement – DAR Submission, DAR for Verification : Rename the module name to 'Unsubmitted DAR Submission' and 'DAR for Verification' • Enhancement – Upload DAR for exempted site : Show all errors in an excel file • Enhancement – All : Password URL will expire after 7 days • Enhancement – Search Site Admins : Arrange the site admin search result by login ID • Enhancement – DAR Submission Summary : Show 'N/A' if no device is registered in the contract • Enhancement – Upload DAR for exempted site : Disallow to upload multiple submission periods in single upload
2.1.1	10 Mar 2017	<ul style="list-style-type: none"> • New – Add on function : Detach Device • New – Add on function : Return Signal Response Time (Seconds)
2.1.2	18 May 2017	<ul style="list-style-type: none"> • New – Send 'No Heartbeat Signal' email to Site Representative and Company Representative instead of Master Admin. • New – Allow Site Admin to check heartbeat status of devices. • New – Allow contractor to mass insert DAR via system interface with threshold limit based on total number of DAR uploaded by mobile. • New – Allow contractor to mass update DAR via system interface. • New – Accept either serial or running number for DAR record input. • New – Disallow contractor to edit site commencement date if Non-Compliance Notification has been sent. • Enhancement – Remove 'No Heartbeat Signal' email alert for contract in 'End' or 'Completed' status. • Enhancement – Allow setting "Site End Date" the same date as "Advance Completion Date". • Enhancement – Extract "Change Password" to a separate function from "Edit Account" function in "Admin Account Profile" page. • Enhancement – Force user to provide current password when changing their password. • Enhancement – Enhance layout of add/update DAR records page so it can display longer running number and transaction time. • Enhancement – Validate card status of DAR during mobile upload, mark DAR with invalid card status as "DAR for Verification". • Enhancement – Allow Master Admin and Site Admin to remove DAR after verification.
2.2	30 Jun 2017	<ul style="list-style-type: none"> • Update – Support longer Good List and Bad List by downloading them in batches. • Update – Sort contract list by CIC reference no. in descending order. • Enhancement – Assign a new device ID for re-registered device. • Enhancement – Device must be online to turn on/off the heartbeat signal. • New – An icon is added to indicate that the screen is locked. (*This feature is available only on CIC Device) • Enhancement – When the screen is locked, the device hardware keys, except the power on/off button, will also be locked. (*This feature is available only on CIC Device)
2.2a	21 Sep 2017	<ul style="list-style-type: none"> • Enhancement – Force user to re-print application form if any of the form value changed. • Enhancement – Do not show contract amount when Site Admin login. • Enhancement – Not allow user to select district 21 if single location selected.

		<ul style="list-style-type: none"> • Enhancement – Trim all leading and trailing space for excel DAR upload • Enhancement – Display different warning messages if the Application Form or other documents missing during contract application
2.3	31 Jan 2018	<ul style="list-style-type: none"> • New –Refine the process of writing DAR to new worker registration card and reading DAR by the coming Worker App. • New – Auto save device DAR App version in CWRS (* This feature is available only on DAR App version 2.3). • Enhancement – Detailed classification of error codes on DAR App. • Enhancement –Fine-tune the good list process and display the download and page loading progress respectively. • Enhancement –Standardize the DAR app file name as “AttendanceApp.apk”. • Enhancement – Show an alert box and stop data transfer if <ol style="list-style-type: none"> 1) slave version is more updated than master version (alert at slave) 2) master version is more updated than slave version but the DAR file “AttendanceApp.apk” is not available in master device download folder (alert at master); and 3) no common contract is found between master and slave devices (alert at slave).
2.4	3 Apr 2018	<ul style="list-style-type: none"> • Enhancement - Allow edit the attendance records which pending for verification. • Enhancement –Not allow quick edit the contract if contract status under ‘Pending for Approval’ status. • Disallow double click for all buttons • Provide e-form for exemption application.
2.5	27 Jun 2018	<ul style="list-style-type: none"> • New – Detach device in CWRG
2.6	16 Jan 2019	<ul style="list-style-type: none"> • Adding valid cwr card serial number into good list; A red cross with wording “Invalid CWR cards” will be displayed for inactivate or void card • Extend autosync time interval to 45mins • Refine reading non cwr card (mifare plus) handling • Refine error handling for WiFi connection

1. CIC Daily Attendance Record Application (CIC DAR APP)

CIC DAR APP is an Android mobile application.

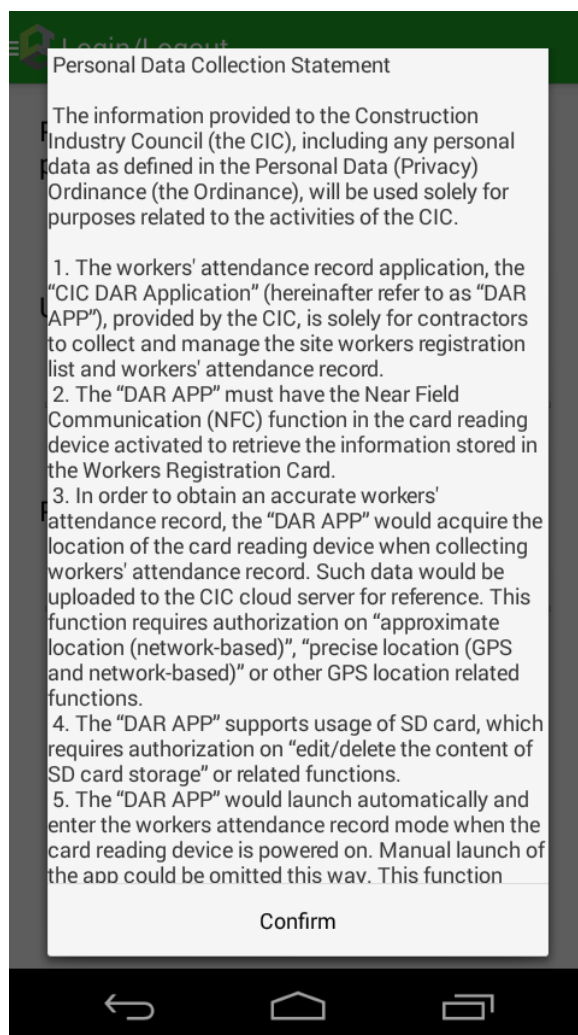
Contractors may use the CIC Android Card Reading Device (“CIC Device”) or appropriate commercial Android Card Reading Device ([Tested Mobile Device List](#) on the CIC Website) by installing the CIC DAR APP to read worker’s name and registration number from Construction Workers Registration Cards (CWR Cards) and to collect his/her attendance record when reporting duty on site.

Contractor can register the construction workers to a specific contract through the CIC DAR APP, which help to manage the Daily Attendance Record of a construction site.

1.1. Login / Logout

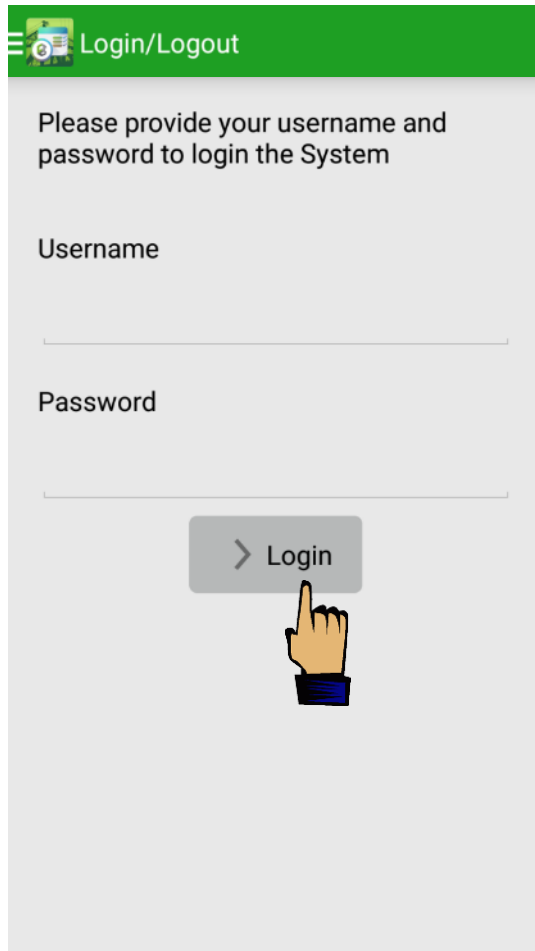
1.1.1. Personal Data Collection Statement


- When the CIC DAR App is opened for the first time, the Personal Data Collection Statement will be shown as below. Tap **【Confirm】** to continue.



1.1.2. Login

- Enter your CIC Username and Password
- Tap **【Login】** button to login CIC DAR APP.



Note: CIC DAR APP is set as auto-start when the device is switched on. User can disable auto-start by going through the procedures described in section 1.1.6.5 User may also tap the “” icon displayed on Home Screen of device to open the App.

Attention: The CIC device and the DAR app can collect DAR via CWR card tapping in offline mode (i.e. no network connection). However, a stable network connection is deemed necessary when conducting device registration, data synchronization, heart beat function or the DAR App first login of each user. Failure to provide a stable network for these tasks may interfere the tasks' completion.

1.1.3. Device Registration

Contractors are required to use a registered card-reading device for processing the worker registration and DAR submission of the construction site. Registration can be completed through the CIC DAR APP.

- After the first login, setting screen will be automatically shown. Otherwise, tap “**Setting**”



- Enter the device name under “Device **Name**”, and select contract under “Contracts”, then tap “Register” to proceed.
- The registration information including DAR App version (version 2.3 only) will be uploaded to CIC cloud if the card-reading device is connected to the internet.
- Contractor can login to “Construction Workers Registration Gateway (CWRG)” to check whether the device has been successfully registered to the selected contract. (Please refer to section 2 of the User Manual – “ Construction Workers Registration Gateway (CWRG) ”)

A screenshot of the 'Setting' screen in the CIC DAR APP. The screen has a green header bar with a menu icon and the word 'Setting'. Below the header, there are several settings: 'Return Signal Response Time (seconds)' with a value of '0', 'CWRG Path' with the URL 'https://cwrp.cic.hk/api/mobile', and 'NTP Path' with 'stdtime.gov.hk'. A section titled 'Register' contains a 'MAC Address' field with '20:17:03:10:20:16', a 'Device Name' field with 'Sample Device', and a 'Contracts' dropdown menu showing '160310004 - 港珠澳大橋'. At the bottom of the 'Register' section is a red-outlined 'Register' button. Below this is a greyed-out 'Detach Device' button.

Note: The contractor must complete the device registration process mentioned above before processing the worker registration and DAR submission.

1.1.4. Device Deregistration

Contractor can detach their registered device(s) from contract via DAR App. The deregistration procedure is shown below:

- Tap “ **Setting** ”



- Tap “Detach **Device**”, App will be logged out automatically after all information is uploaded to the CWRG.




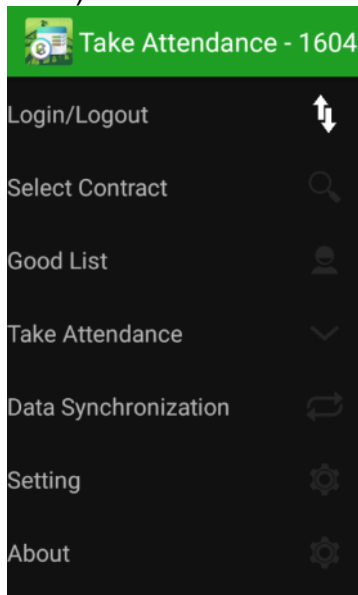
- The device will be detached in the contract afterwards.

Note:

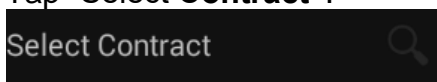
Same device name cannot be reused in same contract after device de-registration. If device is lost, user can change the login password and contact CIC helpdesk to detach device. The lost device will be failed to connect server within 3 hours.

1.1.5. Contract Selection

- To change selected contract, tap  to open the left menu (as shown below) :



- Tap “Select **Contract**”.



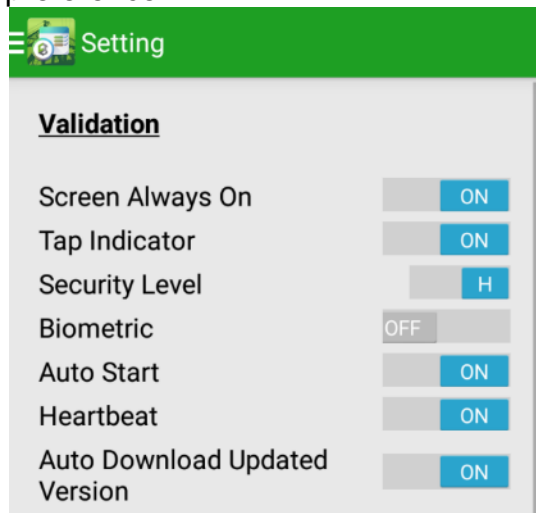
- The CIC DAR APP will indicate whether the device has been registered under the selected contract.
- Tap **【Confirm】** if the details are correct. Alternatively, select contract under “Select **Contract**”.



- User should use the function mentioned in section 1.1.3 of the User Manual to register the card reading device.
- CIC DAR APP can support multiple contracts, provided users (or site admins) remember to log in/out duly for the respective contracts for DAR.

1.1.6. Validation Setup

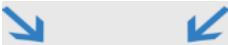
Contractor can also setup validation function according to the site operation and preference.



1.1.6.1. Screen Always On

- **【ON】** : Screen will be always ON when running CIC DAR App.
- **【OFF】** : Screen will not be forced to ON when running CIC DAR App.

1.1.6.2. Tap Indicator

- To display the “arrows icon  on the card tapping screen above the NFC sensor , user can change the setting to **【ON】**
- This setting fits for those card readers (e.g. CIC device) with NFC sensor in front at the bottom.
- For those readers with NFC at the back, this tap indicator would not be useful and should change to **【OFF】** in the setting.

1.1.6.3. Security Level

- Set as **【H】** (High) : User must input password to change other function or tapping mode
- Set as **【L】** (LOW) : No password will be required

1.1.6.4. Biometric

- Set as **【OFF】** : The card reader does not integrate with a biometric authentication device
- Set as **【ON】** : The card reader integrates with a biometric authentication device and program.

1.1.6.5. Auto Start

- Set as **【ON】** : CIC DAR App will auto start when the device is restarted.
- Set as **【OFF】** : CIC DAR App will not auto start when the device is restarted.

1.1.6.6. Heartbeat

- This feature is only available when connected to the Internet.
- Set as **【ON】** : Return device status to CWRG.
- Set as **【OFF】** : Do not return device status to CWRG.

1.1.6.7. Auto Download Updated Version

- This feature is only available when connected to the Internet.
- Set as **【ON】** : CIC DAR App will auto download updated version.
- Set as **【OFF】** : CIC DAR App will not auto download updated version.

1.1.6.8. Return Signal Response Time (seconds)

- This feature is only applicable to those device(s) with biometric authentication and returned signal configured.
- The time value (in seconds) is the maximum time allowed for the integration application to send back the return signal.
- During data synchronization, attendance records (DARs) created within this period that have not yet received return signal and are not followed by other DARs of a later time with return signal will not be uploaded in this data synchronization and be processed again in the next data synchronization.
- For further information on the setup, please contact your biometric system integrator.
- Default value is 0(s).

1.2. Good List Management

1.2.1. Construction Workers' Registration

Contractors shall register related construction workers on or before their first entry to the construction site with reference to the following procedure.

- Tap “**Good List**”.



- Tap “**Tap to Add Worker**” and place the CWR card on the card-reading device to retrieve worker information from CWR card.
- Check or update the **Start Date** and **End Date** of the working period.
- Select the applicable **Trade Code**.
- To register another working period, tap **【Add】**.
- To delete the registered trade Tap **【X】**.
- After completion, tap **【Add to Good List】** to add the good list record.

 A screenshot of the "Good List" form. The form has a green header with a menu icon and the text "Good List". Below the header, the following information is displayed:

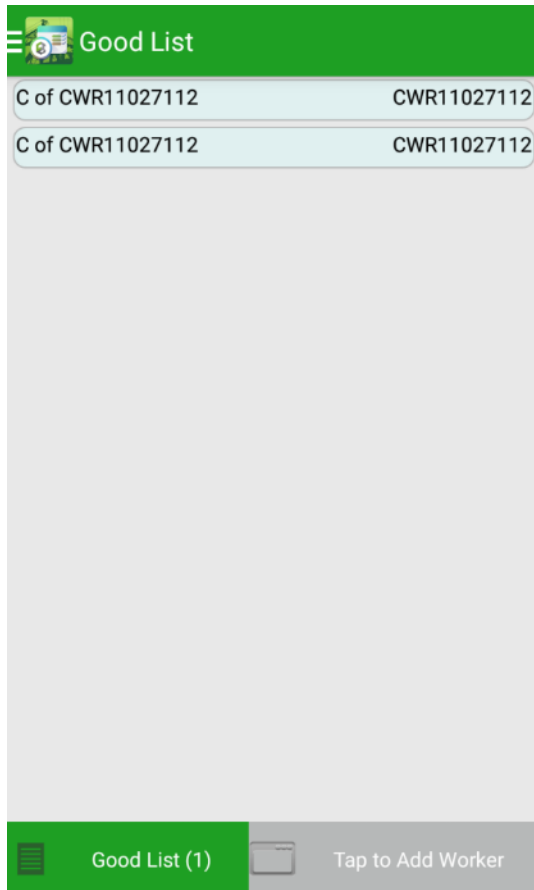
- English Name: Wong Two
- Chinese Name: 王二
- CWR Card No.: CWR16000006
- Expiry Date: 2021-06-13
- Green Card No.: R2
- Green Card Expiry Date: 2019-06-13

 Below this information, there are three input fields: "Start Date" (2016-10-01), "End Date" (2016-11-02), and "Trade Code" (GREEN). To the right of the "Trade Code" field is a close button (X). At the bottom of the form, there are two buttons: "Add" and "Confirm". A hand icon is pointing at the "Confirm" button. At the very bottom of the screen, there is a navigation bar with two items: "Good List" (with a list icon) and "Tap to Add Worker" (with a card icon).


	Item	Description	Remarks
1.	Start Date	The date of worker begins to entry the site to carry out the work of the designated Trade Division.	Format: YYYY-MM-DD
2.	End Date	The last date of worker may entry the site to carry out the work of the designated Trade Division.	Format: YYYY-MM-DD

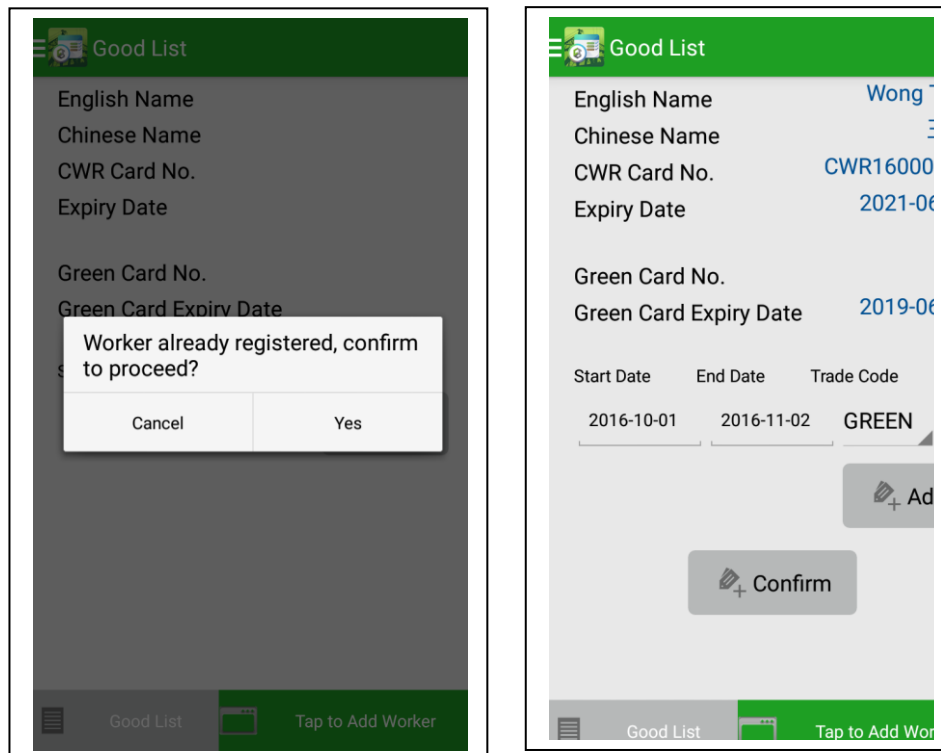
1.2.2. Review Workers Registration Details

- Tap “**Good List**” to review the list of registered construction workers under the contract.
- The count in the bracket (x) next to “**Good List**” indicates the number of workers registered in this Good List.



1.2.3. Edit Workers Registration Details

- Tap **“Good List”**.

- Tap **“Tap to Add Worker”** and then place the CWR card, which you want to edit on the card-reading device.
- As the worker was already registered in the good list, a prompt will be shown for confirmation. Tap **【Yes】** to continue.



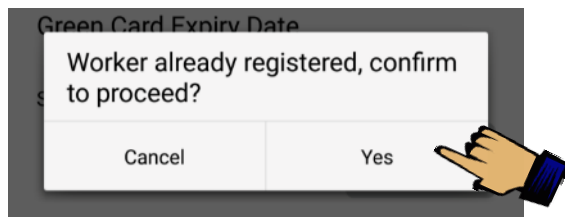
- The registered worker details would show on the screen. The following fields can be revised: **“Start Date”**, **“End Date”** or **“Trade Code”**. Tap **【Confirm】** to confirm after update.


1.2.4. Delete Workers Registration Details

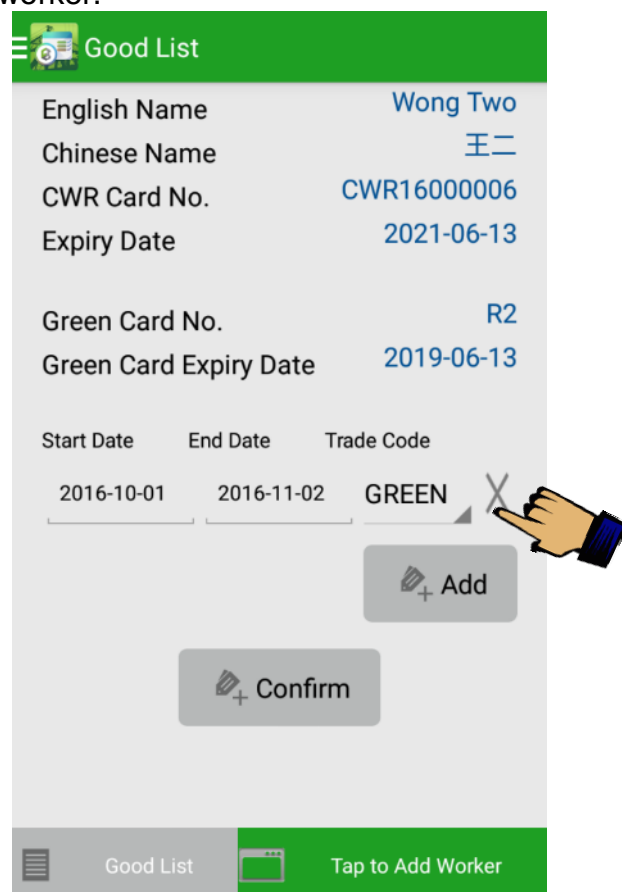
- Tap “**Good List**”.



- Tap “**Tap to Add Worker**” and then place the CWR card, which you want to delete on the card-reading device.
- Tap “**Yes**” to confirm.



- The worker's registration details would be shown as below. Tap “ ”  delete the corresponding working period, and then tap “**Confirm**” to delete the registered worker.



1.3. Capture Daily Attendance Record

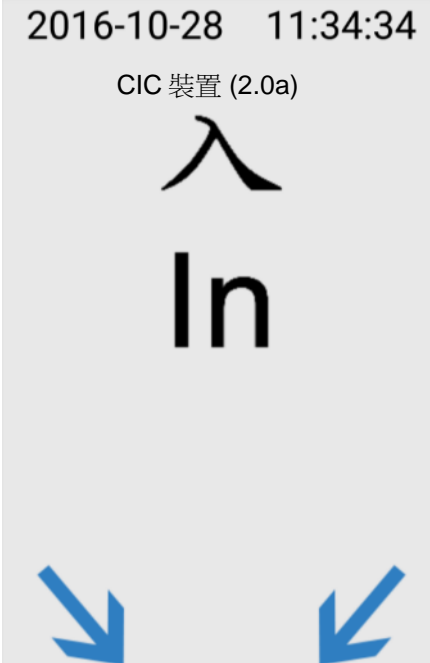


Contractors are required to use a compatible card-reading device installed with a CIC DAR APP to capture the workers' attendance when they report on and off duty on a site. The attendance information would be temporarily stored in the card-reading device. The CIC DAR APP will automatically synchronize with CIC cloud in the scheduled time if internet access is available. Contractors can also choose to synchronize the CIC DAR APP with the CIC cloud manually. If the internet connection is unavailable, DAR will be kept in the card-reading device. The DARs stored in the card reading device will be deleted after successfully uploaded to CIC cloud.

1.3.1. In / Out / Tap Mode


- Tap "Take **Attendance**".

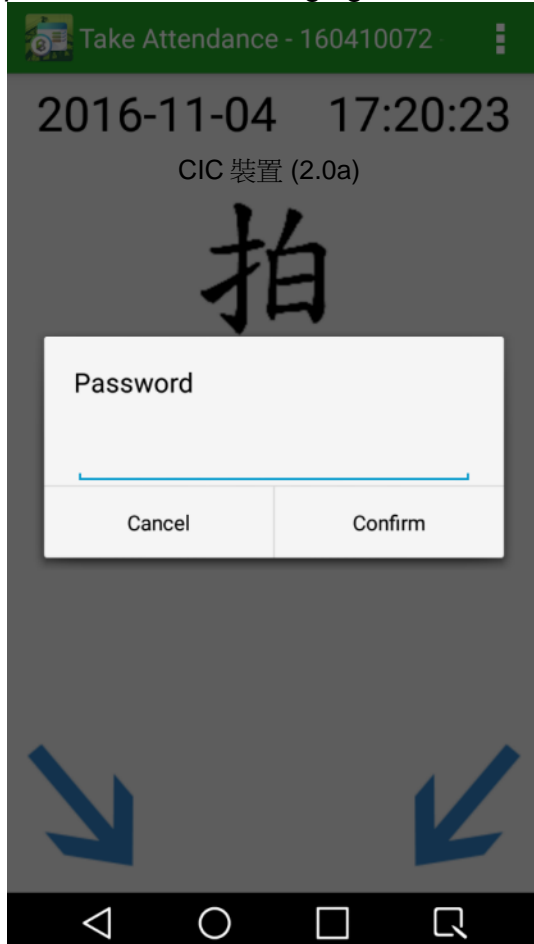
Take Attendance

- Date, time, device name and version no. will be shown at the top of display
- There are three DAR capture modes in CIC DAR APP, include "IN", "OUT" and "TAP". "IN" mode is set as default.
- The DAR capture mode are as follow:

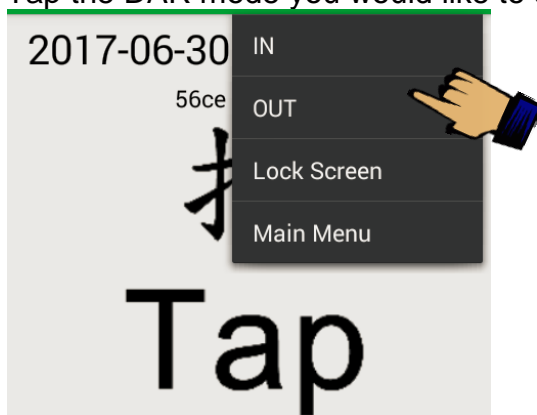
IN	OUT	TAP
 <p>2016-10-28 11:34:34 CIC 裝置 (2.0a) 入 In Record "IN"</p>	 <p>2016-10-28 11:34:41 CIC 裝置 (2.0a) 出 Out Record "OUT"</p>	 <p>2016-10-28 11:34:47 CIC 裝置 (2.0a) 拍 Tap Record "TAP"</p>

1.3.1.1. Switch Capture Mode


- Tap 【  】 on the upper right corner to change the DAR Mode.
- Re-enter the user password if required (User is not required to re-enter the user password when changing DAR mode if the Security Level is set as “L”.)

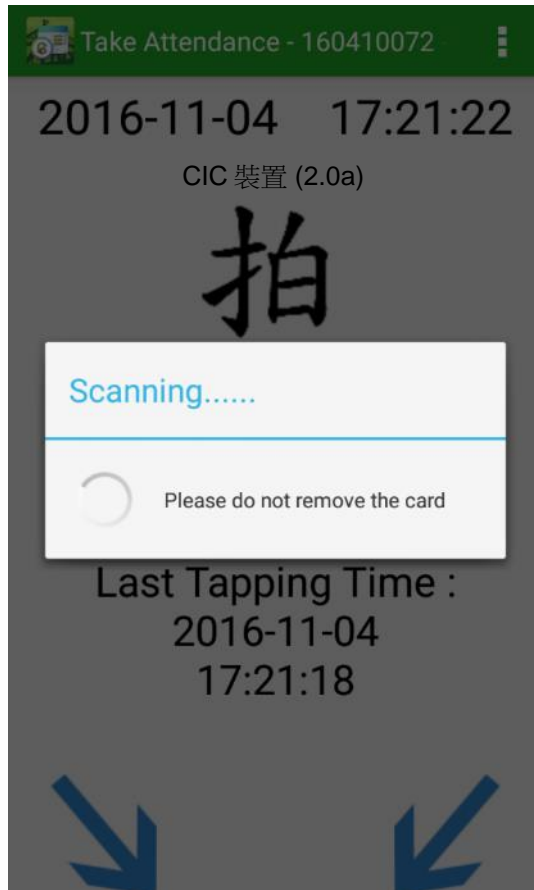


- Enter Password > Tap 【 **Confirm** 】 to change the DAR mode.
- Tap 【 **Cancel** 】 to cancel the change.
- Tap the DAR mode you would like to select.



- User may start using the app to collect DARs.

- If using CIC device, workers should place the CWR cards on the NFC sensor as indicated by the arrow icon ().
- CIC DAR APP would authenticate the CWR card and acknowledge the attendance record as a valid DAR raw data.
- The card reading status and time will be displayed in the middle of the screen as a reference for both user and workers.



- A successful DAR will be shown as follow:



- An invalid DAR will be displayed as shown below::



		
No Register Record	CWR Card Expired	Invalid CWR card



	Item	Description
1.	No Register Record	No record from the good list matches the worker's record.
2.	CWR Card Expired	The workers registration card is expired.
3.	Invalid CWR card	The following workers registration card status is defined as invalid, including lost card, void card and inactivate card

* Only DAR App version 2.4 or above shows a red cross when tapping a void card or an inactivate card.

Previous DAR App version 2.3 or below shows a green tick when tapping a void card or an inactivate card. Those DAR will be filtered out at "DAR for verification" table in CWRG.

- In addition, the DAR mode would prompt the following messages to remind workers on the expiry date of their "Construction Industry Safety Training Certificate" (Green Cards).
- CIC DAR APP would capture the attendance as a valid DAR. CIC DAR APP will indicate the Green Card status stored in the CWR card with the following message:



 Green Card Will Expire Soon	 Green Card Expired
---	--


* Note: "Green Card Will Expire Soon" means the Green Card will be expired within 30 days.

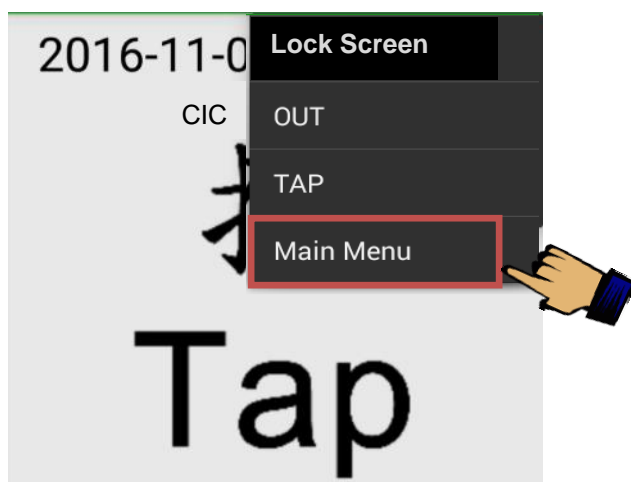
The following message will be displayed when

- A non-CWR smartcard is detected. Examples are staff cards issued by contractor;
- CIC DAR APP fails to complete the DAR verification process.



1.3.2. Back to Main Menu

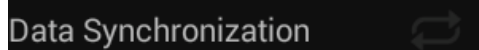
- Tap  > input password (if required) > "Main **Menu**" back to the Main Menu. (User is not required to re-enter the user password when changing DAR mode if the Security Level is set as "L".)



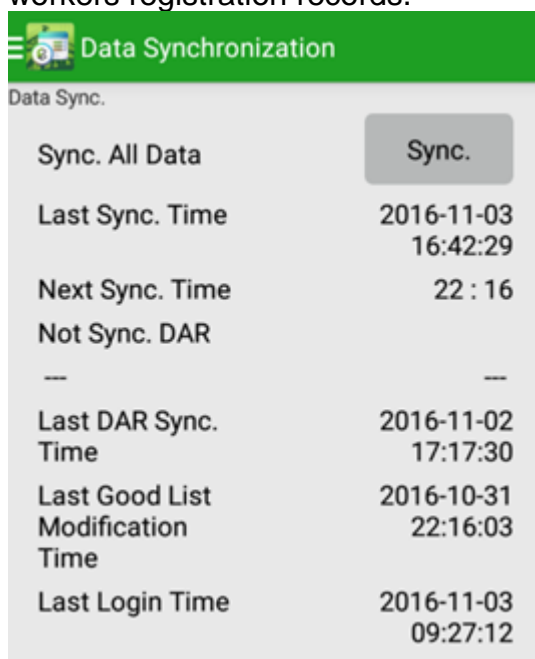
1.4. Data Synchronization

The CIC DAR APP would synchronize with CIC cloud automatically at the scheduled time when the Internet is connected. Contractors may choose to synchronize the CIC DAR APP with the CIC cloud manually by pressing the “Sync.” function. The synchronization procedures are as follow:

- Tap “Data Synchronization” under the main menu.



- Tap **【Sync.】** to synchronize the data to CIC cloud, including the DARs and workers registration records.

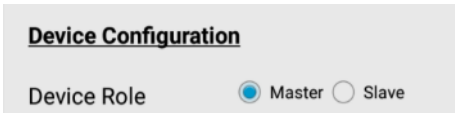
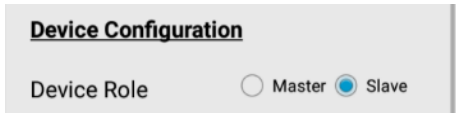
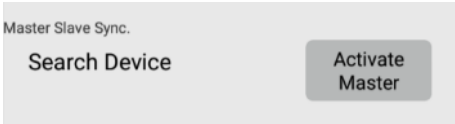
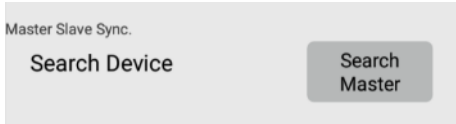
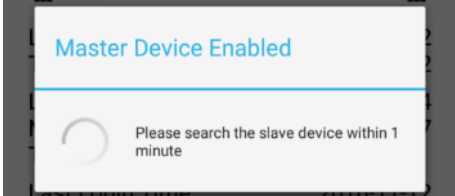
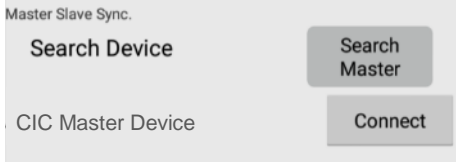
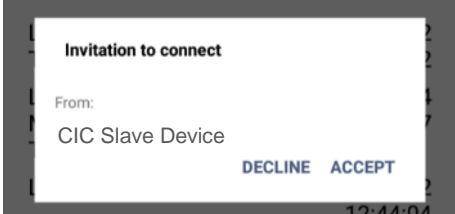
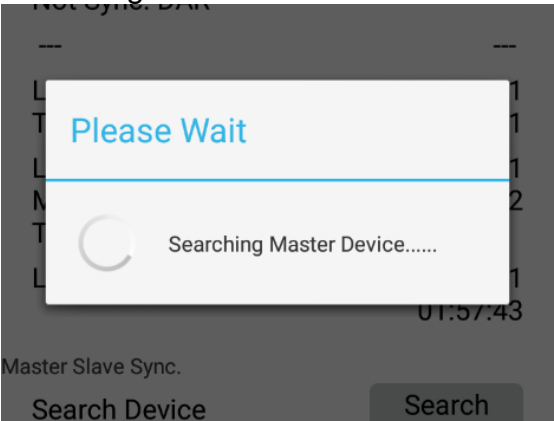


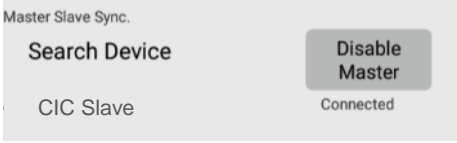
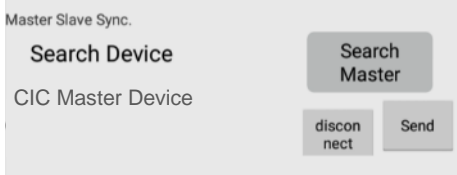
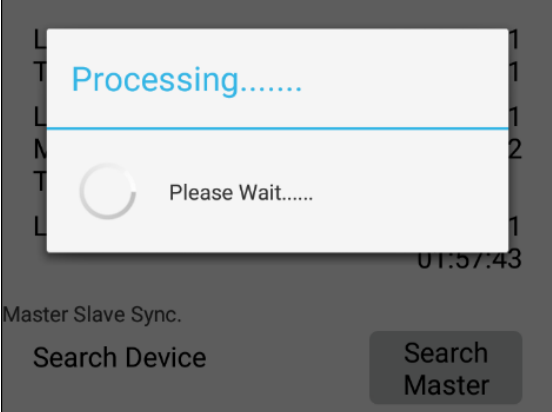
- If synchronization is failed, error code will be shown. Please refer to the following error code table to find out the root cause:

Code	Description
EK80	Invalid Account Token.
EK81	Account Token Expired.
EK82	Invalid App ID.
EK99	Internal KMS Error, consult Helpdesk Support.
EK401	Unauthorized network
EK404	Unknown Host or unresolved hostname
EK503	Connect Server Fail
EK504	Login required network
EK990	Undefined server error
EK999	Unknown / unexpected

1.5. Master & Slave Device

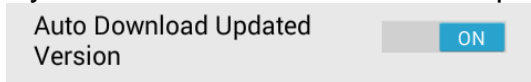
- If device unable to connect CWRG due to lack of network connection in contract period. The device can select Master Slave mode
- Master device – Master device can collect all slave devices data. Moreover, the device can synchronize data to CWRG as slave device.
- Slave device – suppose the device installed in the area without any network coverage.
- Master Device can data synchronize with CWRG to update good list and bad list update.
- Master and Slave device and perform data transfer as below steps

Master Device	Slave Device
Select "Setting"> "Device Configuration" 1. Set device role to 'Master' 	Select "Setting"> "Device Configuration" 2. Set device role to 'Slave' 
Select "Data Synchronization" >"Master Slave Sync." 3. Press 【Activate Master】 	Select "Data Synchronization" >"Master Slave Sync." 4. Press 【Search Master】 
5. Master Device will search nearby Slave device 	6. Nearby Master device will be shown as below. Press 【Connect】 to pair up. 
8. Select 【Connect】 to confirm the connection with Slave device 	7. Waiting for Master device to confirm 

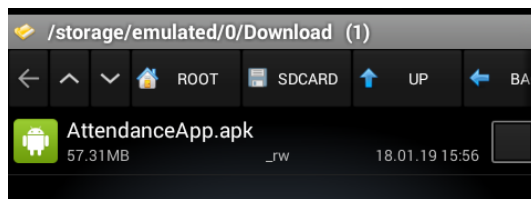
<p>10. Display connected Slave device</p> 	<p>9. Press 【Send】 to transfer data and update information from CWRG through Master device</p> 
	<p>11. Processing, until the screen return to bright</p> 

1.6. Auto Download Updated Version

- Select **【ON】** in “Auto Download Updated Version” under “Setting” page. System will check and download updated version every night at 3 am.



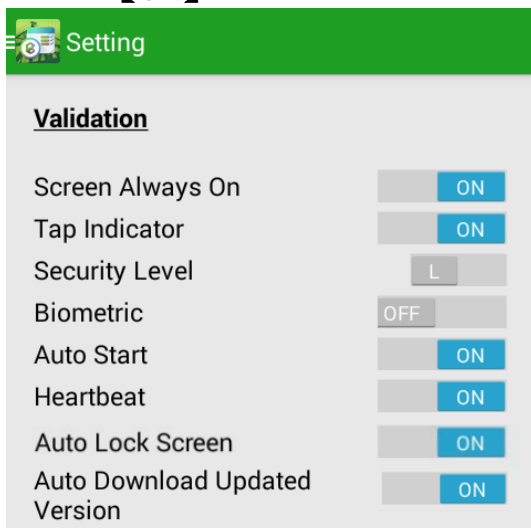
- File named “AttendanceApp.apk” will be stored under the ‘Download’ folder in device.



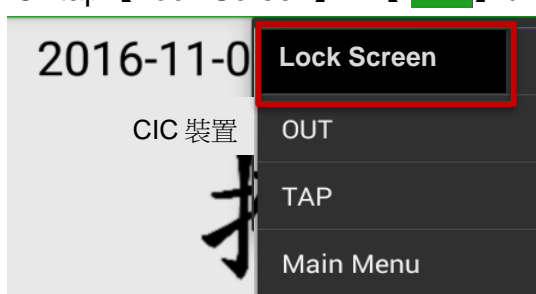
- User must install the latest version manually.

1.7. Auto Lock Screen Features

- This function supports only the CIC device.
- Except On/Off button, other physical device key will not be available when Auto Lock function turn on.
- Select **【ON】** in “Auto Lock Screen” under “Setting” page.



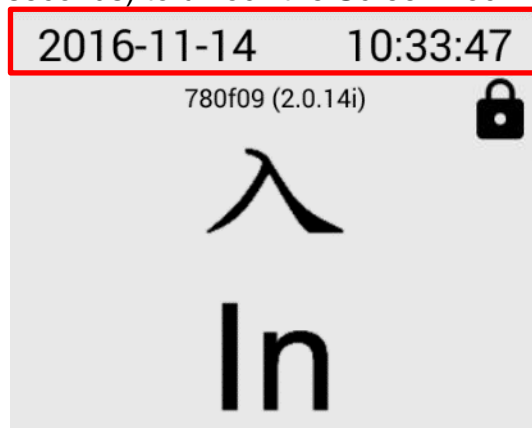
- After turning “ON”, the screen will be locked after switching to the page “Take Attendance”.
- Or tap **【Lock Screen】** in **【⋮】** under “Take Attendance”.



After entering the “Take Attendance” page, the “Screen Locked” message would pop up.



- Use any two fingers to click the top of the screen 5 times or above (within 3 seconds) to unlock the Screen Lock.

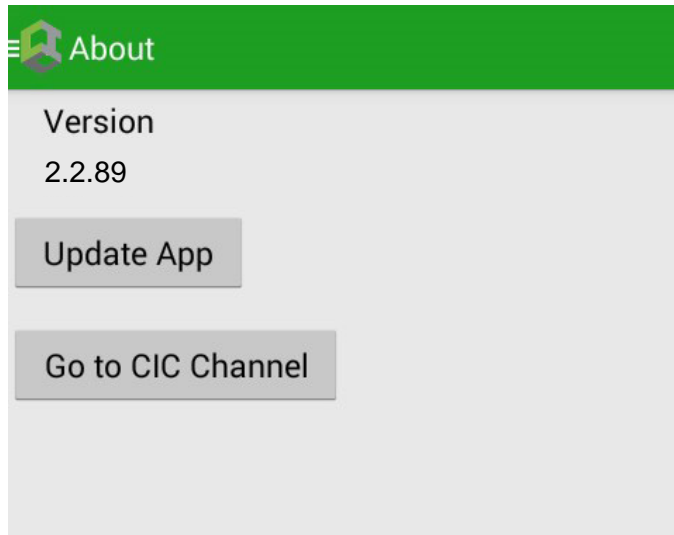


- The screen will be unlocked. Moreover “Screen Unlocked” message show.



1.8. About

- Show CIC DAR App. version number.
- Tap **【Update App】**, to check any version update
 - If the device is not on the latest application version, CIC DAR App would download the latest Application and start the installation process.
- Tap **【Go to CIC Channel】**, to visit the official CIC YouTube Channel.



1.9. Logout

- Tap “Login/ **Logout**”, to logout the CIC DAR APP.

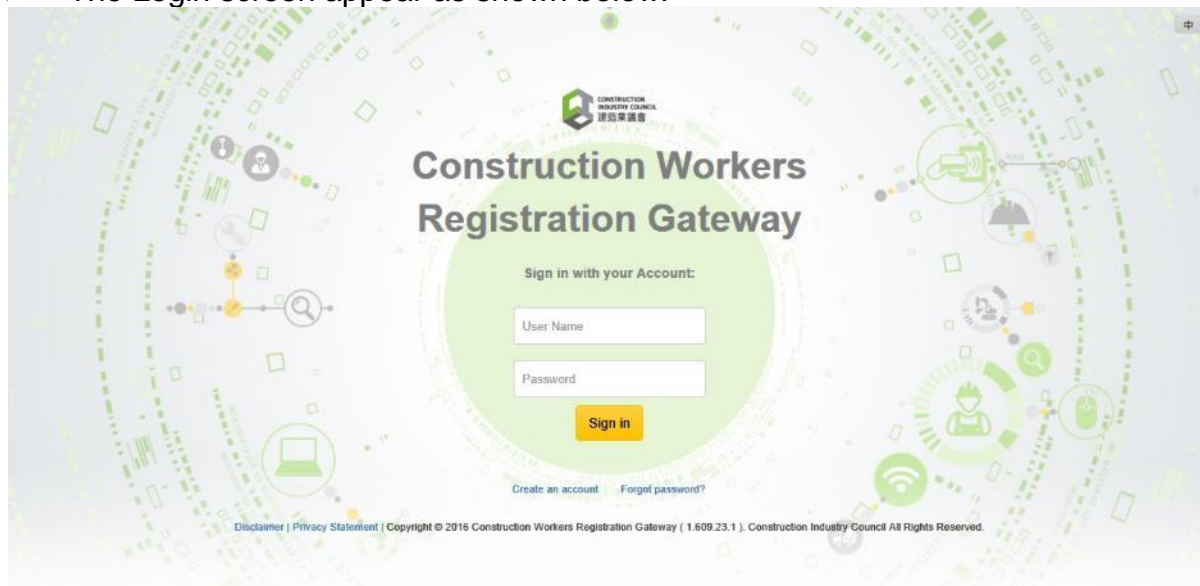


2. Construction Workers Registration Gateway (CWRG)

2.1. Login / Logout

2.1.1. Login

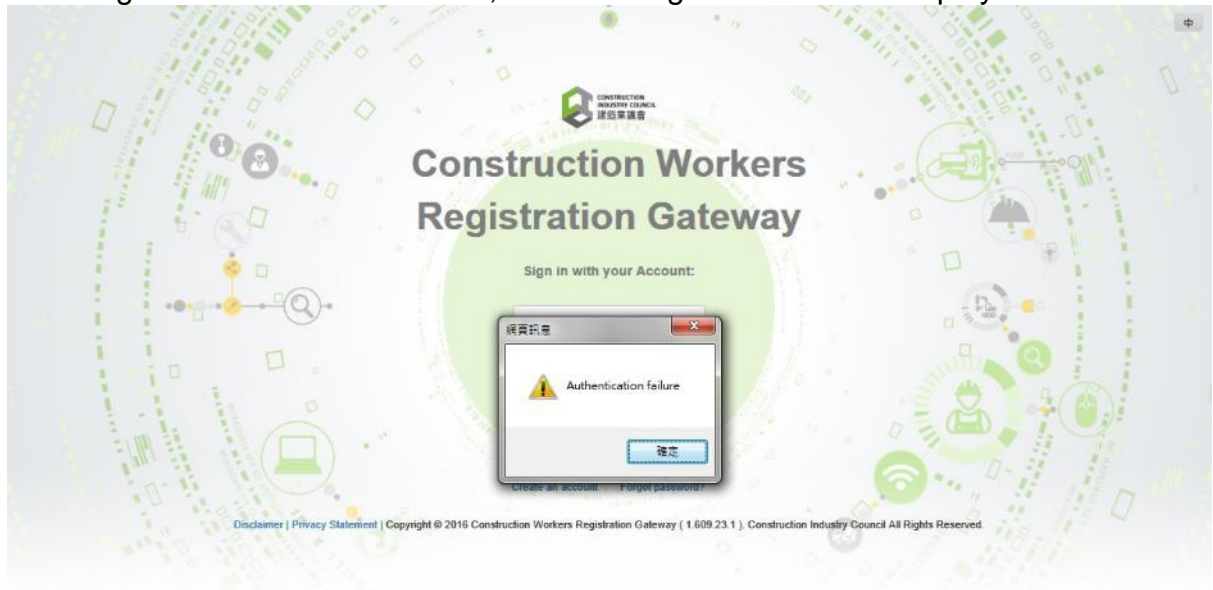
- Using a web browser access CWRG web page (<https://cwrq.cic.hk/>).
- The Login screen appear as shown below:



- Enter your CIC User Name and Password.
- User can remove the remembered user name and password from Web Browser, please refer [this link](#) for Windows IE and [this link](#) to Google Chrome to setup.
- Click **【Sign In】** button to login CWRG.



- If the login information is incorrect, the following screen will be displayed:



- Click **【OK】** .
- Enter Username and Password again to login CWRG

Note: Due to security reasons, if there are too many incorrect login attempts the account on CWRG or DAR App will be locked. For site admin account unlock please refer to Section 2.2.3.5. For master admin account, please contact CIC to unlock.

2.1.2. Logout

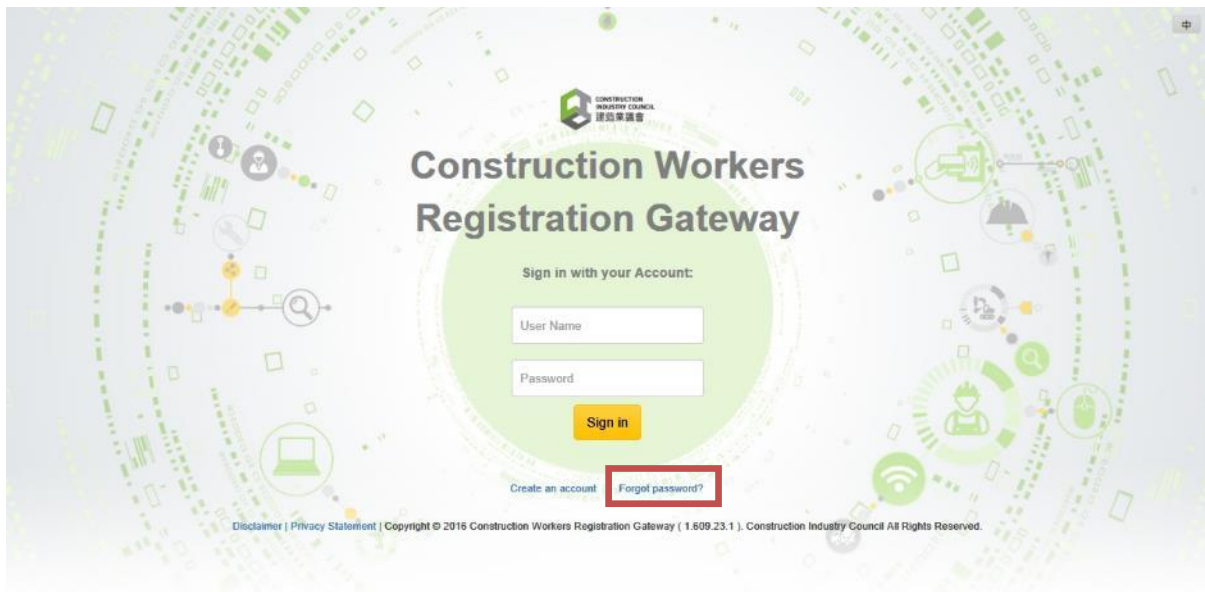
- Click the **“Click to sign out”** on the CWRG homepage or **“Sign Out”** on the top right corner of the toolbar.



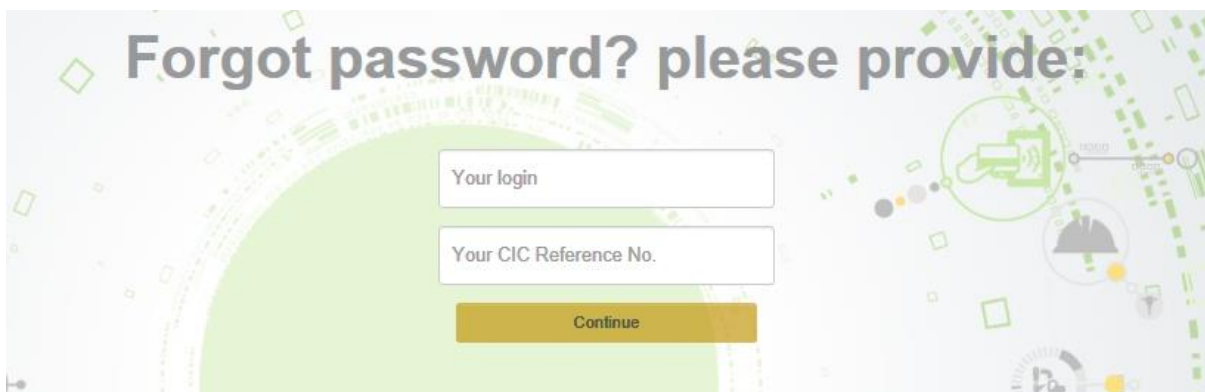
Note: Due to security reasons, if the web page is idle for a certain period of time without user input, operating the web page again would force the user to login again without any warning. The user is required to input their login id and password again.

2.1.3. Forget Password

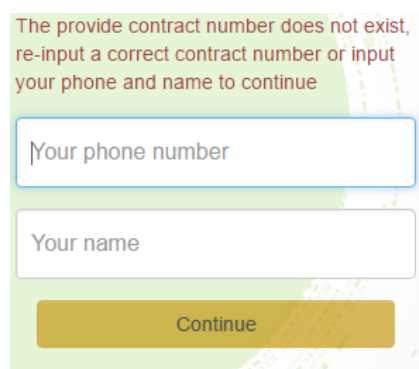
- Click “Forgot my password?” to reset the password.

The image shows the login page of the Construction Workers Registration Gateway. At the top, there is a logo for the Construction Industry Council. Below it, the title "Construction Workers Registration Gateway" is displayed. Underneath the title, there is a section titled "Sign in with your Account:" which contains two input fields: "User Name" and "Password". Below these fields is a yellow "Sign in" button. At the bottom of the sign-in section, there are two links: "Create an account" and "Forgot password?". The "Forgot password?" link is highlighted with a red rectangular box. The background of the page features a green and white pattern with various icons related to construction and technology.

- Input you Login ID and the CIC reference no. of one of the related contracts

The image shows a form titled "Forgot password? please provide:". It contains two input fields: "Your login" and "Your CIC Reference No.". Below these fields is a yellow "Continue" button. The background of the page features a green and white pattern with various icons related to construction and technology.

- The contract number being provided does not exist. Please retry and enter a correct contract number. Alternatively, please input your phone and name and CIC representative will contact you afterwards.


The image shows an error message and a recovery form. The error message, in red text, states: "The provide contract number does not exist, re-input a correct contract number or input your phone and name to continue". Below the error message, there are two input fields: "Your phone number" and "Your name". Below these fields is a yellow "Continue" button. The background of the page features a green and white pattern with various icons related to construction and technology.

Note: Password needs to reset within 7 days once received an email from CIC.

2.1.4. Change Password and User Name

- Click the user name at the top right-hand corner after login



- Click  to change password




- Input existing password and new password, click **【Confirm】**

Note: Password must be between 6 and 15 characters.

Change Password



Current Password :	<input type="password"/>
New Password :	<input type="password"/>
Confirm Password :	<input type="password"/>

- User can click  to change the English name, Chinese name and email address



Account Information

Login Name:	SuperAdmin	Email address:	<input type="text" value="cwrs_helpdesk@cic.hk"/>
Password :	<input type="password" value="*****"/>	Confirm Password :	<input type="password" value="*****"/>
English Name	<input type="text" value="Construction Industry Council"/>	Chinese Name:	<input type="text" value="建造業議會"/>
Status:	Active		

- Click  to update account information after completion, or click  to abort changes.

2.2. Contractor & Contract Accounts Maintenance

2.2.1. Contractor Profile

- Click “**Contractor**” to enter the contractor profile.

Contractor Profile

Contractor Particulars

CIC Contractor No.:	000010034	Business Registration No.:	BSc C&C Joint Vent
Company English Name:	BSc C&C Joint Venture	Company Chinese Name:	力寶華僑有限公司
Company Address:	香港中環皇后大道中二二二號		
Tel. No.:	23456789	Fax No.:	23456789

Company Representative

Name:	Mr. Mercer	Tel. No.:	23456789
Email Address:	BScCC@JoinVenture.com	Fax No.:	23456789

Company Authorization

Name:	Ms. Arkes	Position:	董事兼行政主管
Tel. No.:	23456789	Fax No.:	23456789
Email Address:	BScCC@JoinVenture.com		

Documents

Name	Category	File size
Testing.pdf	Business Registration	79779 Byte
Testing.pdf	Contractor Application Form	79779 Byte

Application Histories

Application No.	Create Date	Approval Date	Status
A1000084	2016-11-17	2016-11-17	Completed

Note:

Master Admin can check and update contractor's profile. However, Site Admin(s) are not allowed to check the application history and related documentations or to update contractor's information.

Only some of the basic contractor information can be updated by user themselves on the “Contractor Profile”. Other changes are required to apply for CIC approval.

➤ Below fields allow Master Admin to amend without approval:

Company Address :
 香港中區金鐘道95號國際金融中心二期33樓
 Company Address Line 2
 Company Address Line 3
 Tel. No.: 23456789 Fax No.: 23456789

Company Representative

Name: Mr. Mercier Tel. No.: 23456789
 Email Address: BScCC@JointVenture.com Confirm Email: BScCC@JointVenture.com
 Fax No.: 23456789

1. Contractor Particulars
 - Company Address
 - Tel. No.
 - Fax No.
2. Company Representative
 - Title & Name
 - Tel. No.
 - Fax No.
 - Email

➤ Below fields allow Master Admin to amend and send to CIC for approval with supporting documents

Contractor Particulars

Company English Name: BSc C&C Joint Venture Company Chinese Name: 力寶豐源有限公司
 Business Registration No.: BSc C&C Joint Vent

Company Authorization

Name: Ms. Ariza Position: 首席執行主管
 Tel. No.: 23456789 Fax No.: 23456789
 Email Address: BScCC@JointVenture.com

1. Contractor Particulars
 - Company English Name
 - Company Chinese Name
 - Business Registration Number
2. Company Authorization
 - Title & Name
 - Position
 - Tel. No.
 - Fax No.
 - Email Address

2.2.1.1. Update Contractor Basic Information

- Click  to update contractor basic information by contractors themselves.

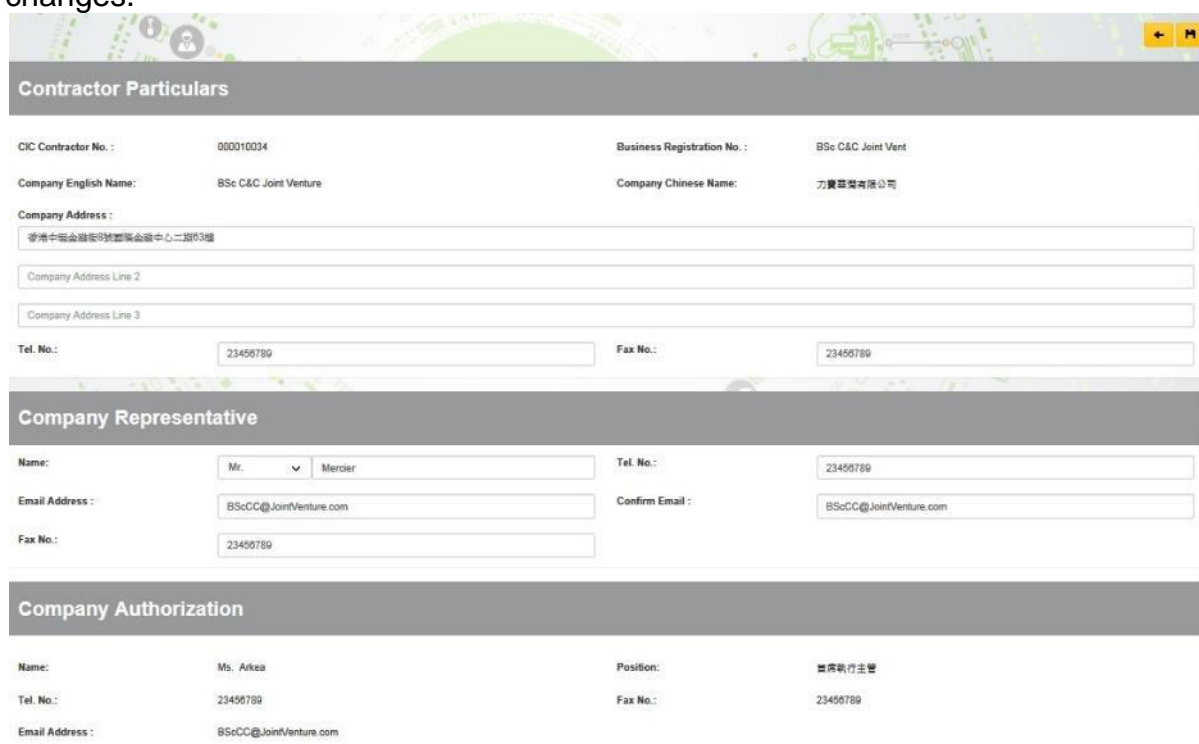


Contractor Profile

Contractor Particulars

CIC Contractor No. :	000010034	Business Registration No. :	BSc C&C Joint Vent
Company English Name:	BSc C&C Joint Venture	Company Chinese Name:	力寶華有限公司

- Change the information and click  to confirm, or click  to abort changes.



Contractor Particulars

CIC Contractor No. :	000010034	Business Registration No. :	BSc C&C Joint Vent
Company English Name:	BSc C&C Joint Venture	Company Chinese Name:	力寶華有限公司
Company Address :			
<input type="text" value="香港中環金鐘區時代廣場中心二樓03樓"/>			
<input type="text" value="Company Address Line 2"/>			
<input type="text" value="Company Address Line 3"/>			
Tel. No.:	<input type="text" value="23456789"/>	Fax No.:	<input type="text" value="23456789"/>


Company Representative

Name:	<input type="text" value="Mr. Mercier"/>	Tel. No.:	<input type="text" value="23456789"/>
Email Address :	<input type="text" value="BScCC@JointVenture.com"/>	Confirm Email :	<input type="text" value="BScCC@JointVenture.com"/>
Fax No.:	<input type="text" value="23456789"/>		

Company Authorization

Name:	Ms. Arkea	Position:	營運執行主管
Tel. No.:	23456789	Fax No.:	23456789
Email Address :	BScCC@JointVenture.com		

2.2.1.2. Create Contract or Information Update Request

- Click  to create contractor update request.

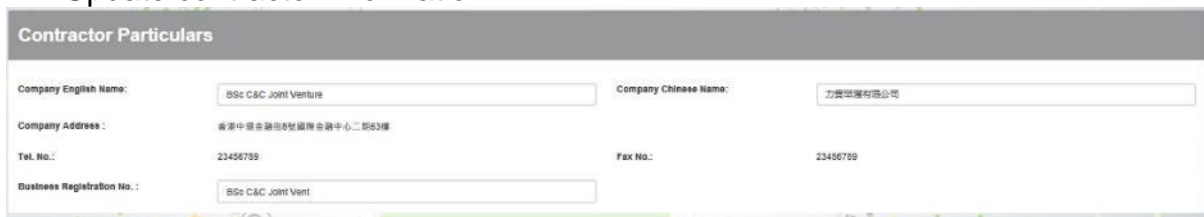


Contractor Profile

Contractor Particulars

CIC Contractor No.:	000010034	Business Registration No.:	BSc C&C Joint Vent
Company English Name:	BSc C&C Joint Venture	Company Chinese Name:	力寶華僑有限公司

- Update contractor information



Contractor Particulars

Company English Name:	BSc C&C Joint Venture	Company Chinese Name:	力寶華僑有限公司
Company Address:	香港中環金鐘道88號國際金融中心二座53樓		
Tel. No.:	23456789	Fax No.:	23456789
Business Registration No.:	BSc C&C Joint Vent		

- Update company authorization information



Company Representative

Name:	Mr. Merdier	Tel. No.:	23456789
Email Address:	BScCC@JointVenture.com	Fax No.:	23456789

Company Authorization

Name:	Ms. Arisa	Position:	管理層行政主管
Tel. No.:	23456789	Fax No.:	23456789
Email Address:	BScCC@JointVenture.com		

- Print application form.




Print App. form

In order to complete the application, please print, sign and upload the CWRS Form in the next step.

[Print the Application Form](#)

Note: The application form cannot be printed if the updated information is invalid.

- Complete the PDF application form with Company Authorization signature & Company chopped



**CONSTRUCTION
INDUSTRY COUNCIL**

Construction Industry Council

Application Form for Web Submission Administrator Account / Contract Registration
for Submission of Site Daily Attendance Record

Form No. CWRB-CWRS 2A
Rev 1 23-Feb-16

Contractor Particulars

Company Name (English): Construction Industry Council

(中文) 建造業議會

Company Address: 香港灣仔
告士打道138 號
聯合廣場大廈15 樓

Phone No.: 21009000 Fax No.: 21009090

Business Registration Number: Business Reg No

Company Representative

Name: Chan Tai Man Phone No.: 21009800

Fax No.: 21009890 Email Address: cwrts_helpdesk@cic.hk

Company Authorization

Name of Authorised Person: Chris Wong Phone No.: 21009588

Title: manager Fax No.: 21009580

Email Address: cwrts_info@cic.hk

Signature of Authorised Person: _____ Company Chop: _____

Date: _____

- Upload signed Application Form or Supplementary Document (Optional)

Upload Supp. Doc.

Drop Business Registration PDFs here

Drop Application Form for Master Administrator Account PDFs here

Drop Supplementary Documents PDFs here

Documents

Name	Category	File size	
Testing.pdf	Business Registration	79778 Byte	🗑️ 📄
Testing.pdf	Contractor Application Form	79778 Byte	🗑️ 📄


- Click ✔ to update contract application after completed.


2.2.1.3. Application History

- User can check the application history in Contractor Profile

Application Histories			
Application No.	Create Date	Approval Date	Status
A1000084	2016-11-17	2016-11-17	Completed

2.2.1.4. Cancel Update Request



- If contractor application is under “Draft” or “Pending For Approval”, user can cancel the application
- Click on  to cancel the application.





Contractor Particulars			
CIC Contractor Number:	000210034	Application Number :	A1000085
Company English Name:	BSc C&C Joint Venture	Company Chinese Name:	力寶豐有限公司
Company Address :	香港中環金鐘道95號國際金融中心二期63樓		
Tel. No.:	23456789	Fax No.:	23456789
Business Registration No. :	BSc C&C Joint Venture		
Status :	PendingForApproval	Type :	Update

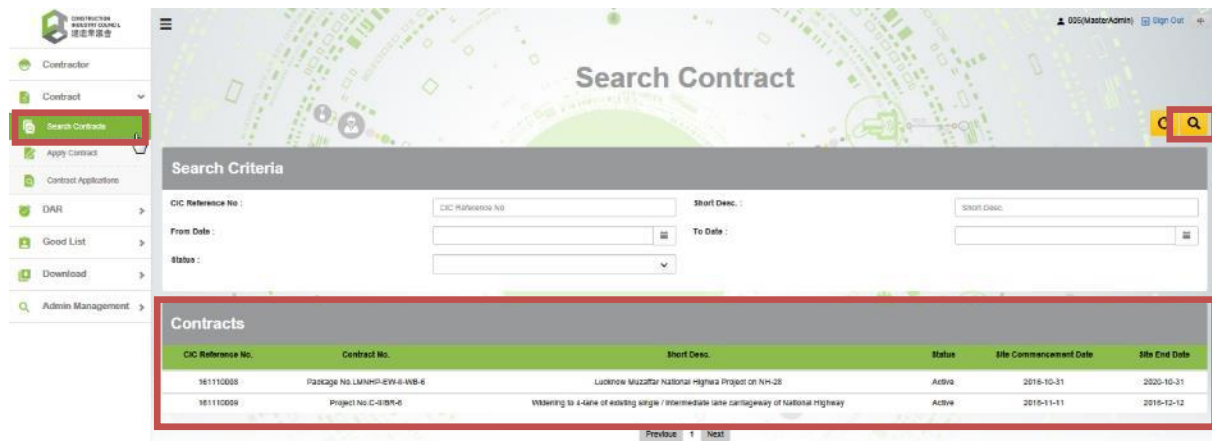
Company Representative			
Name:	Mordier	Tel. No.:	23456789
Email Address :	BScCC@JointVenture.com	Fax No.:	23456789

Company Authorization			
Name:	Arikaa	Position:	副總裁/執行主席
Tel. No.:	23456789	Fax No.:	23456789
Email Address :	BScCC@JointVenture.com		

Documents		
Name	Category	File size
Testing.pdf	Business Registration	79775 Byte 
Testing.pdf	Contractor Application Form	79775 Byte 

2.2.2. Contract Profile

- Click “Contract” > “Search **Contracts**” .
- After entering the searching criteria (Optional) , click 【  】 ,
- To reset the searching criteria, click 【  】 .
- Searching results will be displayed as shown below.
- Click a contract to enter the contract profile.



Search Contract

Search Criteria

CIC Reference No. : Short Desc. :

From Date : To Date :

Status :

Contracts

CIC Reference No.	Contract No.	Short Desc.	Status	Site Commencement Date	Site End Date
16110008	Package No. LMNH-EW-6-WB-6	Lucknow Muzaffar National Highway Project on NH-28	Active	2016-10-31	2020-10-31
16110009	Project No. C-935M-6	Widening to 4-lane of existing single / intermediate lane carriageway of National highway	Active	2016-11-11	2019-12-12

Previous 1 Next

Note:

According to the site commencement date and site end date, contract status will be updated. Definitions are shown as below:

Status	Definition
Active	Today within Site Commencement & Site End Date period.
Ended	When the site end date has been passed but contractor did not provide completion certificate to CIC or extend contract end date, contract status will become 'Ended'.
Completed	Contractor provided completion certificate to CIC and after verification, the specific contract would be updated to 'Completed' status.

- Contract Profile will be shown as below:

Contract Particulars

CIC Reference No :	161110006	Contract Sum (HK\$) :	2743.61
Contract No. :	Package No.LMNHP-EW-II-WB-6	Short Description:	Lucknow Muzaffar National Highway Project on NH-28
Contract Description:	Lucknow Muzaffar National Highway Project on NH-28 - Package No.LMNHP-EW-II-WB-6		
Site Commencement Date:	2016-10-31	Site End Date:	2020-10-31
Original End Date:	2016-11-29		
Start Entrance Date:		End Entrance Date:	
Site Type:	N/A		
Work Nature 1:	New works	Work Nature 2:	Building (including E&M)
Government Dept./Client :	Private	Private Dept:	ROUGHTON INTERNATIONAL
Term Contract For Maintenance :	No	Require Biometric Integration :	No
Status :	Active		

Location

Room/Flat:	Floor:
Block : (if Applicable)	Name of Building:
District:	District Area:
Street Name:	

Hong Kong Island East
East Region of Aberdeen Tunnel
JV CES GROUP, C-166/63, Kanya Road, Padayangan, Gorakhpur - 273 009, Uttar Pradesh.

Site Representative

Name:	Tel. No.:
Mrs. Ankit Raj Singh	23456789
Email Address :	Fax No.:
BSOCC@joinventure.com	23456789

Contract Authorization

Name:	Position:
Miss. Pradip Refinery	Senior Project Manager
Tel. No.:	Fax No.:
23456789	23456789
Email Address :	
BSOCC@joinventure.com	

Application Histories

Application Number	Application Date	Application status	Application Type
A1601619	2016-11-22	Completed	New

Documents

Name	Category	File size	
Testing.pdf	Contract Required Forms	79778 Byte	
Testing.pdf	Contract Application Form	79778 Byte	

Note:

Master Admin allows checking and updating contract's profile. However, Site Admin(s) are unable to check application history and related documentations or to update contract information for approval.

Only some of the basic contract information can be updated by users themselves on the "Contract Profile". Other changes should undergo an application process under the review and approval by CIC.

- Below information allows Master Admin and Site Admin to amend without seeking CIC's approval:

Contract Info.

Contract No. :	[QA] EBMUD Mokelumne Ranger Headquarters	Short Description:	the building has zero net energy consumption and z
Contract Description:	The East Bay Municipal Utilities District chose JL Modular to replace their temporary portable ranger station with a state of the art, net zero energ		
Site Commencement Date:	2015-02-01	Site End Date:	2018-02-08
Start Entrance Date:	Start Entrance Date	End Entrance Date:	End Entrance Date
Term Contract For Maintenance :	Yes	Require Biometric Integration :	No

Site Representative Info.

Name:	Mrs. Ankit Raj Singh	Tel. No.:	23456789
Email Address :	arg@cic.hk	Confirm Email :	arg@cic.hk
Fax No.:	23456789		

1. Contract Info.
 - ◆ Short Description
 - ◆ Contract Description
 - ◆ Site Commencement Date (To an earlier date)
 - ◆ Site End Date (To a later date)
 - ◆ Start Entrance Date
 - ◆ End Entrance Date
 - ◆ Require Biometric Integration
2. Site Representative Info.
 - ◆ Title & Name
 - ◆ Tel No.
 - ◆ Fax No.
 - ◆ Email

Note: Site Commencement Date cannot be edited if a non-compliance letter has been issued against the contract.

- Master Admin is allowed to amend the contract/ site end date by appending a completion certification for CIC's review and approval.

Advance Completion Date:	2016-12-31	
--------------------------	------------	--

Note: Master Admin must provide the completion certificate when applying for early completion for contract. The contract status would be updated to 'Completed' once CIC has granted approval.

- Master Admin can amend the following fields by appending supporting documents for the review and approval by CIC

Contract Info.			
Contract No. :	PRO-01		
Short Description:	Prolog First Contract	Contract Sum (HK\$) :	Contract Sum (HK\$)
Site Commencement Date:	2016-09-01	Site End Date:	2018-12-31
Government Dept. /Client :	Private	Private Dept:	Prolog
Work Nature 1:	New works	Work Nature 2:	Building (excluding E&M)
<input checked="" type="radio"/> Site-Location		<input type="radio"/> Multi-Location	
Room/Flat:	Room/Flat	Floor:	Floor
Block : (If Applicable)	Block		
Name of Building:	-		
District:	2 - Hong Kong Island West	District Area:	Please Select
Street Name:	-		
Site Type:	<input checked="" type="checkbox"/> N/A		
Term Contract For Maintenance :	<input checked="" type="checkbox"/>	Require Biometric Integration :	No

Contract Authorization	
Name:	Miss. Pradip Refinery
Position:	Senior Project Manager
Tel. No.:	23456789
Fax No.:	23456789
Email Address :	BSoCC@JointVenture.com

1. Contract Info.


◆ Contract No	◆ Work Nature 2
◆ Contract Sum	◆ Site-Location / Multi-Location
◆ Site Commencement Date	◆ Site Address
◆ Government Dept. /Client	◆ District
◆ Specific Client Name	◆ Street Name
◆ Work Nature 1	◆ Term Contract For Maintenance

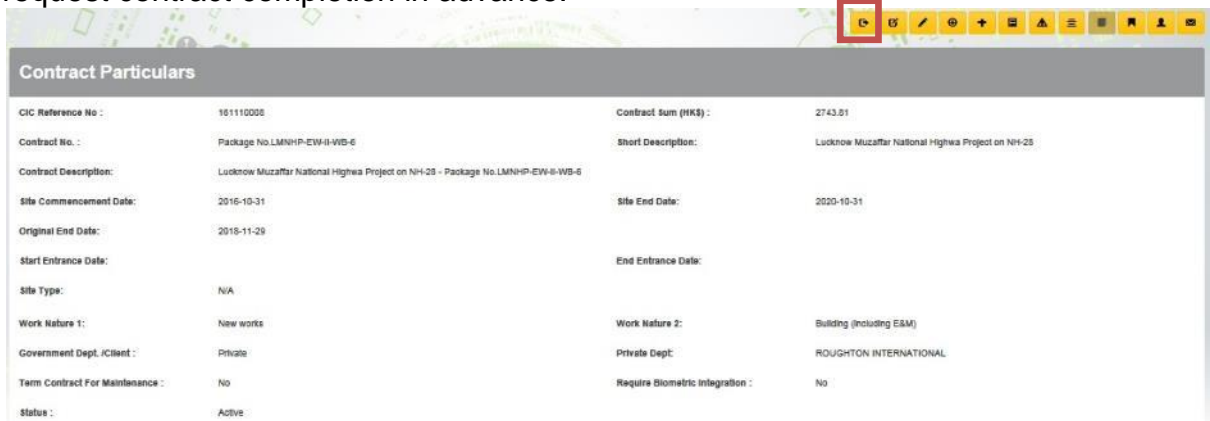
2. Company Authorization

◆ Title	◆ Tel. No.
◆ Name	◆ Fax No.
◆ Position	◆ Email Address



Note: Site Commencement Date cannot be edited if a non-compliance letter has been issued against the contract.

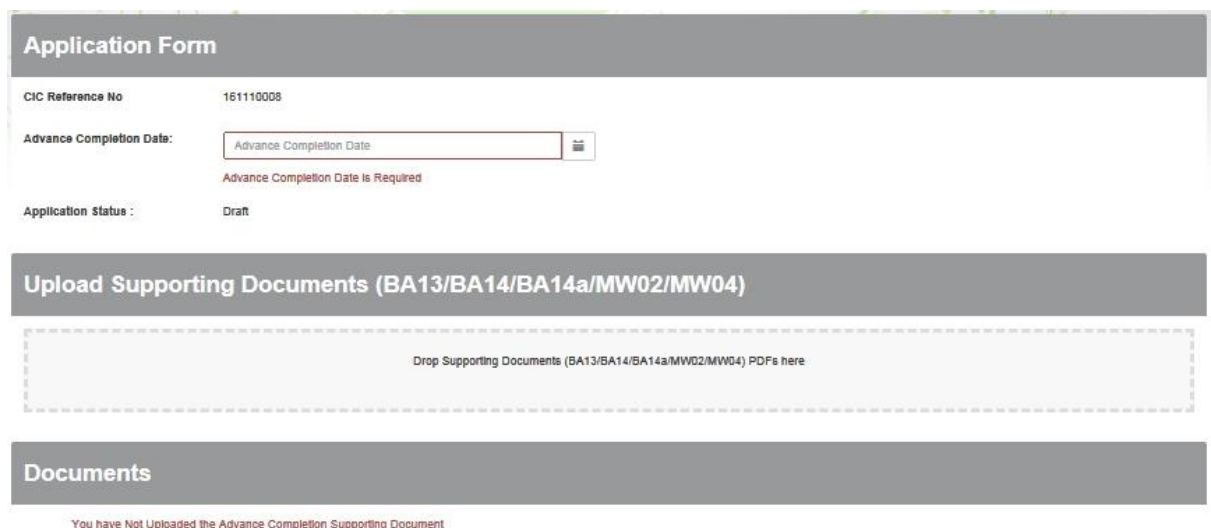
2.2.2.1. Request Contract Completion in Advance

- To apply contract completion in advance, select the contract and click  to request contract completion in advance.




Contract Particulars			
CIC Reference No :	161110008	Contract Sum (HK\$) :	2743.01
Contract No. :	Package No.LMNHP-EW-II-WB-6	Short Description:	Lucknow Muzaffar National Highway Project on NH-25
Contract Description:	Lucknow Muzaffar National Highway Project on NH-25 - Package No.LMNHP-EW-II-WB-6		
Site Commencement Date:	2016-10-31	Site End Date:	2020-10-31
Original End Date:	2018-11-29		
Start Entrance Date:		End Entrance Date:	
Site Type:	N/A		
Work Nature 1:	New works	Work Nature 2:	Building (Including E&M)
Government Dept./Client :	Private	Private Dept:	ROUGHTON INTERNATIONAL
Term Contract For Maintenance :	No	Require Biometric Integration :	No
Status :	Active		

- Enter latest completion date, upload supporting documents and click  to submit or  to save for draft



Application Form

CIC Reference No	161110008
Advance Completion Date:	<input type="text" value="Advance Completion Date"/> 
	Advance Completion Date Is Required
Application Status :	Draft


Upload Supporting Documents (BA13/BA14/BA14a/MW02/MW04)

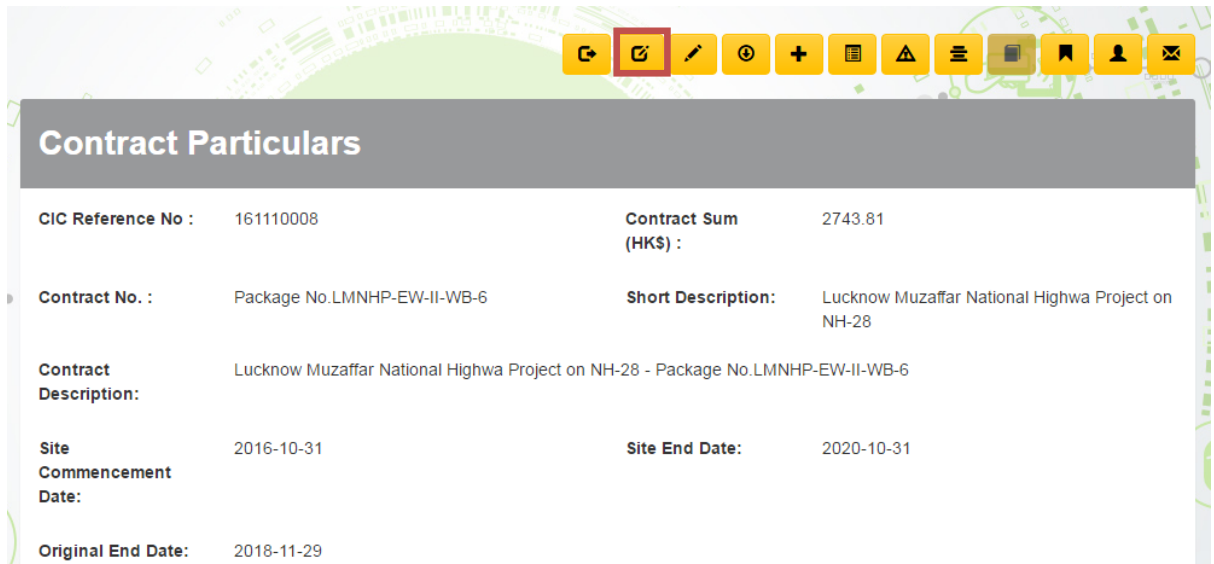
Drop Supporting Documents (BA13/BA14/BA14a/MW02/MW04) PDFs here

Documents

You have Not Uploaded the Advance Completion Supporting Document

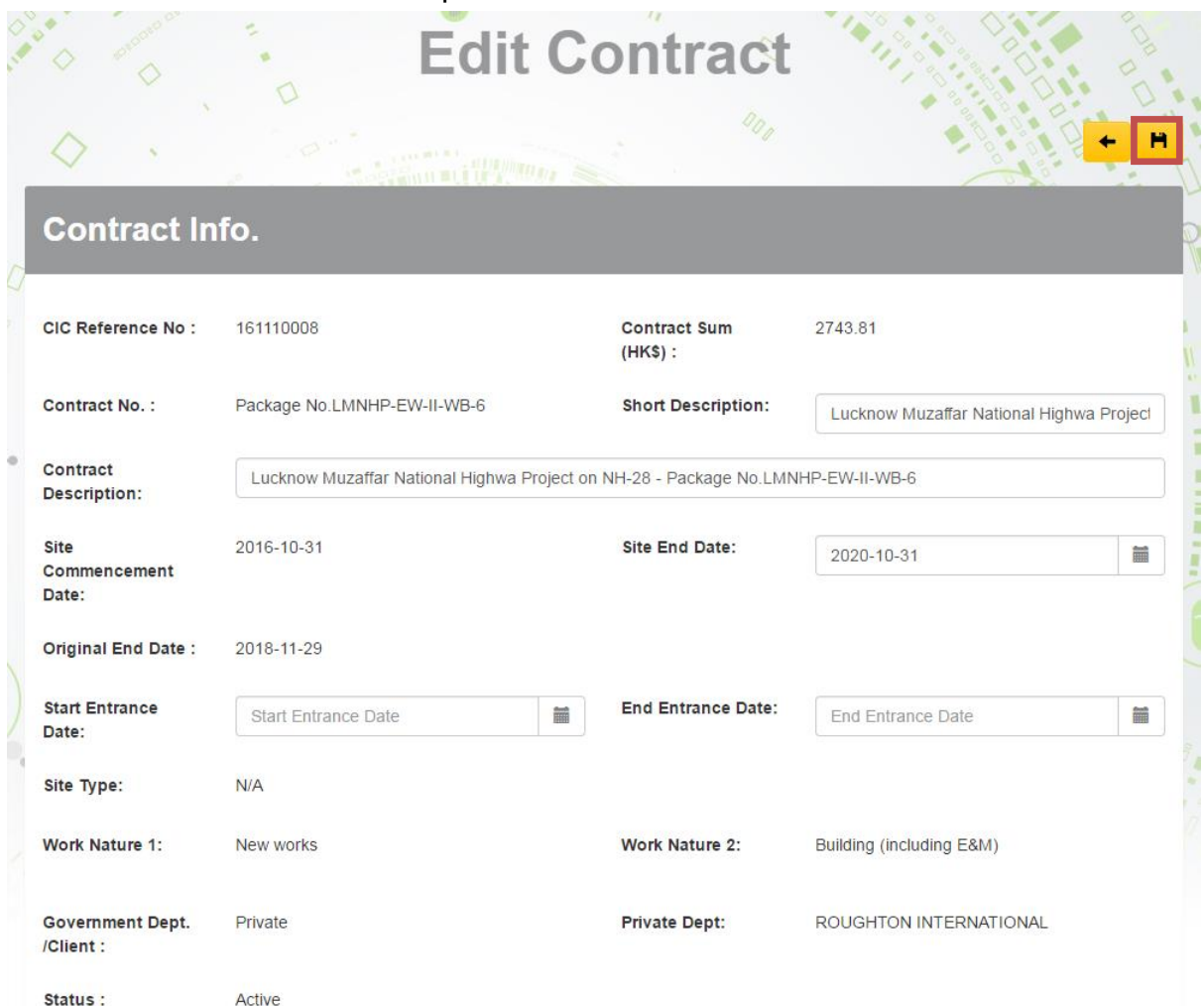
2.2.2.2. Quick Edit Contract

- To update Contract description/ Entrance Date/ Site Representative Info, click  to update contract.



Contract Particulars			
CIC Reference No :	161110008	Contract Sum (HK\$) :	2743.81
Contract No. :	Package No.LMNHP-EW-II-WB-6	Short Description:	Lucknow Muzaffar National Highwa Project on NH-28
Contract Description:	Lucknow Muzaffar National Highwa Project on NH-28 - Package No.LMNHP-EW-II-WB-6		
Site Commencement Date:	2016-10-31	Site End Date:	2020-10-31
Original End Date:	2018-11-29		

- Click  to confirm and update the contract.



Edit Contract			
Contract Info.			
CIC Reference No :	161110008	Contract Sum (HK\$) :	2743.81
Contract No. :	Package No.LMNHP-EW-II-WB-6	Short Description:	Lucknow Muzaffar National Highwa Project
Contract Description:	Lucknow Muzaffar National Highwa Project on NH-28 - Package No.LMNHP-EW-II-WB-6		
Site Commencement Date:	2016-10-31	Site End Date:	2020-10-31
Original End Date :	2018-11-29		
Start Entrance Date:	Start Entrance Date	End Entrance Date:	End Entrance Date
Site Type:	N/A		
Work Nature 1:	New works	Work Nature 2:	Building (including E&M)
Government Dept. /Client :	Private	Private Dept:	ROUGHTON INTERNATIONAL
Status :	Active		

2.2.2.3. Create Contract Information Update Request

- To apply contract information update, click **【✎】** to create contract information update request.



Contract Particulars

CIC Reference No :	161110008	Contract Sum (HK\$) :	2743.81
Contract No. :	Package No.LMNHP-EW-II-WB-6	Short Description:	Lucknow Muzaffar National Highwa Project on NH-28
Contract Description:	Lucknow Muzaffar National Highwa Project on NH-28 - Package No.LMNHP-EW-II-WB-6		

- Update contract information

Contract Info.

Contract No. :	Package No.LMNHP-EW-II-WB-6		
Short Description:	Lucknow Muzaffar National Highwa Project on NH-28	Contract Sum (HK\$) :	2743.81
Contract Description:	Lucknow Muzaffar National Highwa Project on NH-28 - Package No.LMNHP-EW-II-WB-6		
Site Commencement Date:	2016-10-31	Site End Date:	2020-10-31
Original End Date:	2018-11-29		
Start Entrance Date:		End Entrance Date:	
Government Dept. /Client :	Private	Private Dept:	ROUGHTON INTERNATIONAL
Work Nature 1:	New works	Work Nature 2:	Building (including E&M)
<input checked="" type="radio"/> Site-Location	<input type="radio"/> Multi-Location		
Room/Flat:	Room/Flat	Floor:	Floor
Block : (If Applicable)	Block		
Name of Building:	Name of Building		
District:	Hong Kong Island East	District Area:	East Region of Aberdeen Tunnel
Street Name:	JV CES GROUP, C-188/63, Kasya Road, Padleyganj, Gorakhpur - 273 009, Uttar Pradesh.		
Site Type:	<input checked="" type="checkbox"/> N/A		
Term Contract For Maintenance :	<input type="checkbox"/>	Require Biometric Integration :	No

➤ Update Contract Authorization information

Site Representative Info.

Name:	Mrs. Ankit Raj Singh	Tel. No.:	23456789
Email Address :	ars@cic.hk	Fax No.:	23456789

Contract Authorization

Name:	Miss. ▾ Pradip Refinery	Position:	Senior Project Manager
Tel. No.:	23456789	Fax No.:	23456789
Email Address :	pr@cic.hk		

➤ Re-print application form.


Print App. form

In order to complete the application, please print, sign and upload the CWRB Form.

[Print the Application Form](#)

Note: Unable to print the application if updated information is invalid.

➤ Complete the PDF application form with Company Authorization signature & Company chopped

	Construction Industry Council	Form No. CWRB-CWRS 2B Rev 18-April-16
Application Form for Web Submission Administrator Account / Contract Registration for Submission of Site Daily Attendance Record		
Contract Particulars		
Contract No: Zero Carbon Building		
Contract Description: ZCB is Hong Kong's first zero carbon building.		
Government Dept./Client: Private Company: CIC		
Short Description: first zero carbon building		
Location: Building Name: ZCB District: Kowloon East Street: 8 Sheung Yuet Road, Kowloon Bay		
Term Contract: No		Contract Sum: 2350000
Site Type: N/A		
Site Commencement Date: 2016-01-01		Site End Date: 2018-01-01
Start Entrance Date: 2000-01-01		End Entrance Date: 2021-12-31
Work Nature 1: RMAA		Work Nature 2: E&M Only
Site Representative Info.		
Name: CHEUNG Hau-wai		
Email Address: zcb@hkcic.org		
Phone: 21009800		Fax: 21009816
Contract Authorization.		
Name: CHENG Kar-shing		
Position: Manager		
Email Address: zcbfacility@hkcic.org		
Phone: 21009800		Fax: 21009816
Authorized Signature: _____		Company Chop: _____
Date: _____		

- Upload the revised and signed Application Form or Supplementary Document

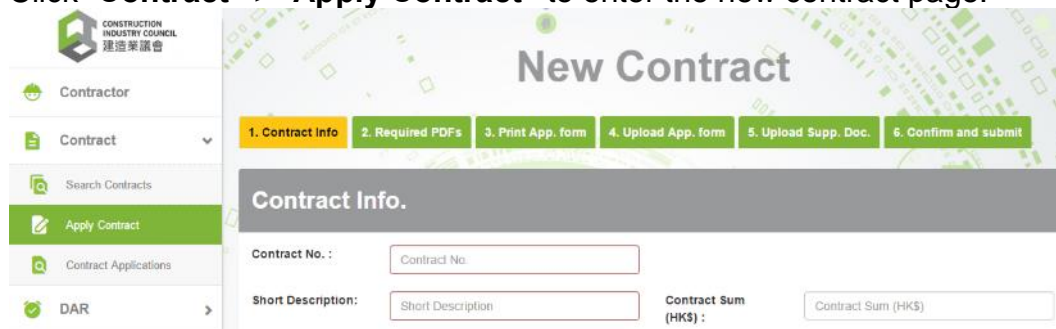
Upload Documents

Drop Letter of Acceptance (LOA) And BA10/MW01/MW03 PDFs here	Drop Contract Application Form PDFs here	Drop Supplementary Documents PDFs here
---	--	--

- Click **【】** to update contract application after completed.

2.2.2.4. Apply new Contract Application

- Click “**Contract**” > “**Apply Contract**” to enter the new contract page.



CONSTRUCTION INDUSTRY COUNCIL
建造業議會

Contractor

Contract

Search Contracts

Apply Contract

Contract Applications

DAR

New Contract

1. Contract Info 2. Required PDFs 3. Print App. form 4. Upload App. form 5. Upload Supp. Doc. 6. Confirm and submit

Contract Info.

Contract No. :

Short Description: Contract Sum (HK\$) :



- STEP 1 – Input contract information



Contract Info.

Contract No. :

Short Description: Contract Sum (HK\$) :

Contract Description:

Site Commencement Date:  Site End Date: 

Start Entrance Date:  End Entrance Date: 

Government Dept. /Client :

Work Nature 1: Work Nature 2:

☒ Site-Location ☐ Multi-Location

Room/Flat: Floor:

Block : (If Applicable) Name of Building:

District: District Area:

Street Name:

Site Type: ☒ N/A

Term Contract For Maintenance : ☐ Require Biometric Integration :

Site Representative Info.

Name: Tel. No.:

Email Address : Confirm Email :

Fax No.:

Contract Authorization

Name: Position:

Tel. No.:

Fax No.:

Email Address :

➤ STEP 2 – Upload required PDFs

The screenshot shows a web interface for Step 2: Upload required PDFs. At the top, there is a progress bar with six steps: 1. Contract Info, 2. Upload LOA & BA10 (highlighted in orange), 3. Print App. form, 4. Upload App. form, 5. Upload Supp. Doc., and 6. Confirm and submit. Below the progress bar is a large dashed box with the text "Drop Letter of Acceptance (LOA) And BA10/MW01/MW03 PDFs here". Underneath this is a section titled "Documents" with a message: "You have Not Uploaded the Letter of Acceptance (LOA) And BA10/MW01/MW03" and "You have Not Uploaded the Signed Contract Application Form". At the bottom right, there are two buttons: "Next" and "Save & Exit".

➤ STEP 3 – Click **【Print Application Form】** to download and print out filled form

The screenshot shows a web interface for Step 3: Print Contract Application Form. At the top, the progress bar highlights Step 3: Print App. form in orange. Below the progress bar is a section titled "Print Contract Application Form" with the text: "In order to complete the application, please print, sign and upload the CWRS Form." and a button "Print the Application Form". Underneath is a "Documents" section with a table listing the uploaded file.

Name	Category	File size
Business Reg Form.pdf	Contract Required Forms	79778 Byte

Below the table, there is a message: "You have Not Uploaded the Signed Contract Application Form". At the bottom right, there are two buttons: "Next" and "Save & Exit".

➤ STEP 4 – Upload Application form, upload application form with Company Authorization signature and Company chopped

The screenshot shows a web interface for Step 4: Upload Contract Application Form. At the top, the progress bar highlights Step 4: Upload App. form in orange. Below the progress bar is a large dashed box with the text "Drop Contract Application Form PDFs here". Underneath is a section titled "Documents" with a table listing the uploaded file.

Name	Category	File size
Business Reg Form.pdf	Contract Required Forms	79778 Byte

Below the table, there is a message: "You have Not Uploaded the Signed Contract Application Form". At the bottom right, there are two buttons: "Next" and "Save & Exit".

➤ STEP 5 – Upload Supplementary Document (Optional)

1. Contract Info 2. Required PDFs 3. Print App. form 4. Upload App. form 5. Upload Supp. Doc. 6. Confirm and submit

Upload Supplementary Documents

Drop Supplementary Documents PDFs here

Documents

Name	Category	File size	
ApplicationFrom (1).pdf	Contract Required Forms	61519 Byte	
ApplicationFrom (1).pdf	Contract Application Form	61519 Byte	

Next Save & Exit

➤ STEP 6 – Confirm and Submit

1. Contract Info 2. Required PDFs 3. Print App. form 4. Upload App. form 5. Upload Supp. Doc. 6. Confirm and submit

Please Confirm the Registration, Submitted Documents, Application form and Supplement Document.

Contract Particulars

Contract No. :	0000911		
Short Description:	New Contract	Contract Sum (HK\$) :	1500000
Contract Description:	New Contract Description		
Site Commencement Date:	2016-12-22	Site End Date:	2018-12-22
Start Entrance Date:	2016-11-30	End Entrance Date:	2018-12-22
Government Dept. /Client :	Public	Public Work Department:	Education Bureau
Work Nature 1:	New works	Work Nature 2:	E&M Only
Site Type:	N/A		
Term Contract For Maintenance :	No	Require Biometric Integration :	Yes

Location

Room/Flat: Floor:

Block : (If Applicable) Name of Building:

District: Sha Tin & Ma On Shan District Area:

Street Name: 新界沙田文禮路11-17號

Site Representative

Name: Mr. 陳大文

Tel. No.: 21009863 Fax No.: 21009863

Email Address : kpwong@cic.hk Confirm Email : kpwong@cic.hk





Contract Authorization

Name: Mr. 陳大文

Position: 公司授權人 Tel. No.: 21009863

Fax No.: 21009863 Email Address : kpwong@cic.hk

Documents


Name	Category	File size	
ApplicationFrom (1).pdf	Contract Required Forms	61519 Byte	 
ApplicationFrom (1).pdf	Contract Application Form	61519 Byte	 

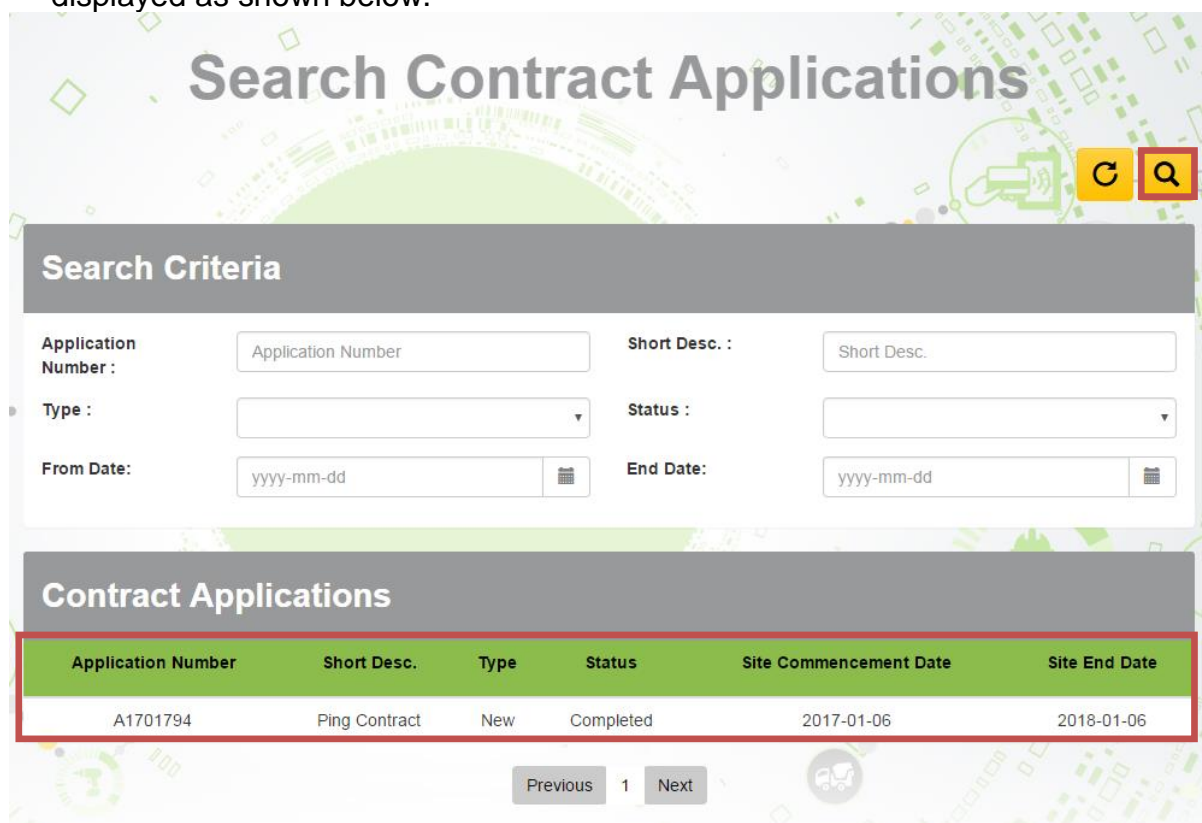
Save & Exit

Submit

- Click **【Submit】** to submit the update contract application or click **【Save & Exit】** to submit later.

2.2.2.5. Search Contract Application

- To check contract application, click “**Search**” > “**Contract Application**” .
- Enter searching criteria (Optional) and click  , search results will be displayed as shown below.



Search Contract Applications

Search Criteria

Application Number : Short Desc. :

Type : Status :

From Date: End Date:


Contract Applications

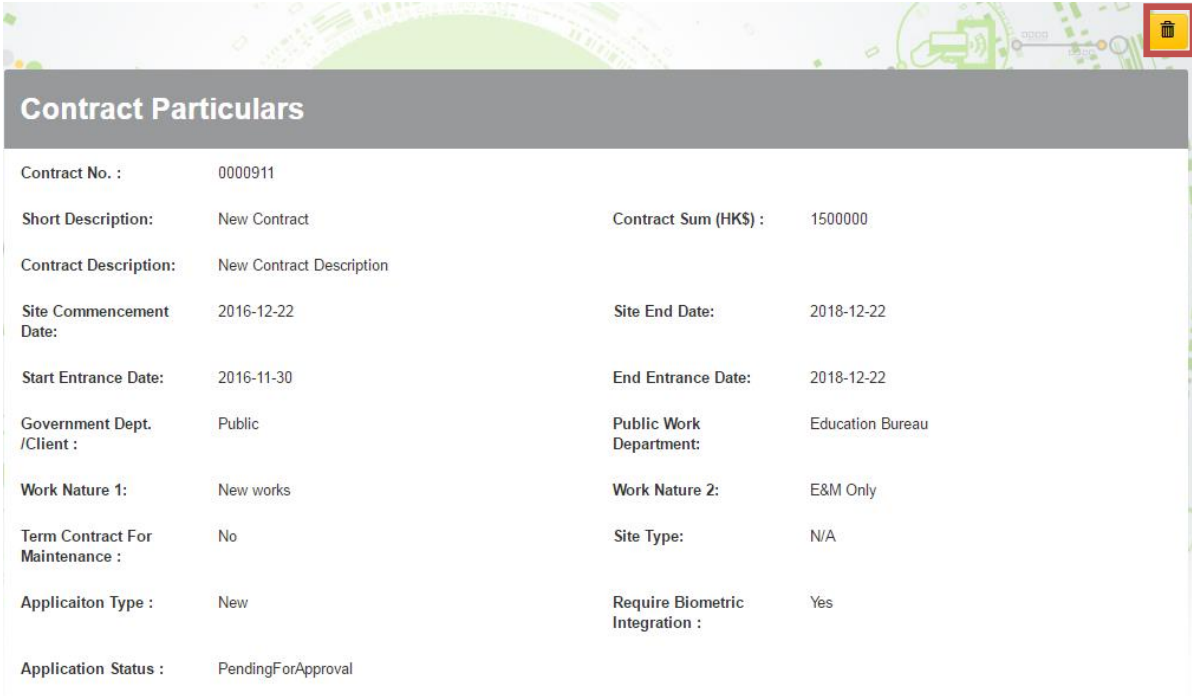
Application Number	Short Desc.	Type	Status	Site Commencement Date	Site End Date
A1701794	Ping Contract	New	Completed	2017-01-06	2018-01-06

Previous 1 Next

- To reset searching criteria and result, click 

2.2.2.6. Cancel Created Contract Information Update Request

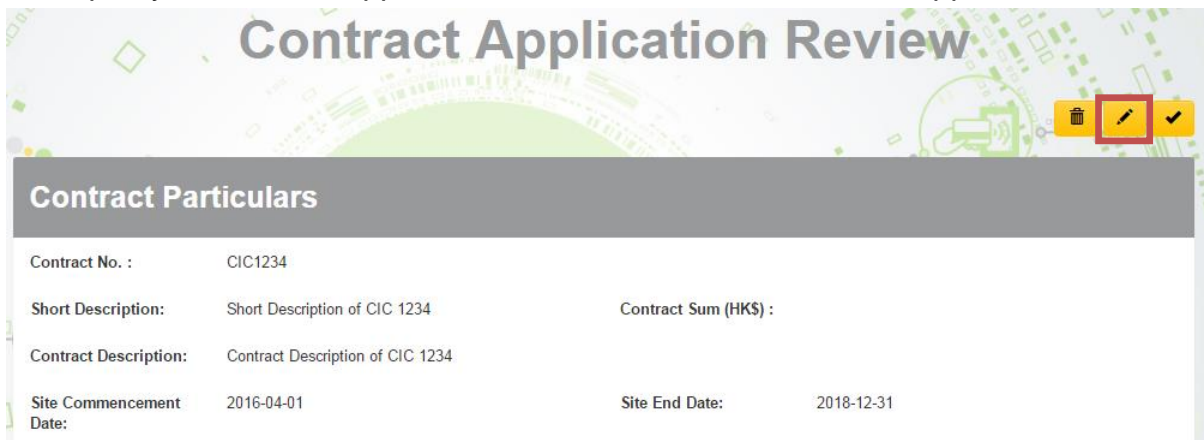
- When your Contract Applications status is in “Draft” or “Pending For Approval”, you can cancel your contract application
- Open your contract application and click  to cancel application”.



Contract Particulars			
Contract No. :	0000911		
Short Description:	New Contract	Contract Sum (HK\$) :	1500000
Contract Description:	New Contract Description		
Site Commencement Date:	2016-12-22	Site End Date:	2018-12-22
Start Entrance Date:	2016-11-30	End Entrance Date:	2018-12-22
Government Dept. /Client :	Public	Public Work Department:	Education Bureau
Work Nature 1:	New works	Work Nature 2:	E&M Only
Term Contract For Maintenance :	No	Site Type:	N/A
Applicaiton Type :	New	Require Biometric Integration :	Yes
Application Status :	PendingForApproval		

2.2.2.7. Edit Draft Contract application request

- When your Contract Applications status is “Draft”, you can update the contract details before submitting contract application
- Open your contract application and click on **【✎】** to edit application.



Contract Application Review

Contract Particulars

Contract No. :	CIC1234		
Short Description:	Short Description of CIC 1234	Contract Sum (HK\$) :	
Contract Description:	Contract Description of CIC 1234		
Site Commencement Date:	2016-04-01	Site End Date:	2018-12-31

The screenshot shows the 'Contract Application Review' interface. At the top right, there are three icons: a trash can, a pencil (highlighted with a red box), and a checkmark. Below the title bar, the 'Contract Particulars' section displays the following information:

- After updated, click **【✓】** to submit update contract information request.



Contract Application Review













Contract Particulars

Contract No. :	CIC1234		
Short Description:	Short Description of CIC 1234	Contract Sum (HK\$) :	
Contract Description:	Contract Description of CIC 1234		
Site Commencement Date:	2016-04-01	Site End Date:	2018-12-31


The screenshot shows the 'Contract Application Review' interface. At the top right, there are three icons: a trash can, a pencil, and a checkmark (highlighted with a red box). Below the title bar, the 'Contract Particulars' section displays the following information:

2.2.3. Contract Management

- User can manage the daily work of the contract by using the toolbar on the top right corner of the page. The functions are listed as follow:

	Icon	Description
1.		Request Contract Completion in Advance
2.		Quick Edit Contract
3.		Request Contract Update
4.		Download DAR
5.		Create Site Admin Account
6.		DAR Submissions
7.		Search Good list Problem
8.		Good List Management
9.		Upload DAR for Exempted Site
10.		Mass DAR Deletion
11.		Assign Site Admins
12.		Subscribe DAR Submission Reminder

2.2.3.1. Assign Site Admin (For Master Admin ONLY)


- Click Assign site admin icon  on the toolbar
- Assign contract right to site administrator
- Click **【 OK 】** to save the changes.
- Click **【 Cancel 】** to return to the page without changes.

Assign Site Admins

Assign	Login	Eng Name	Chi Name	Email
<input type="checkbox"/>	siteAdmin A	Site Admin	工地管理員	cic@cic.hk

Note: Only the Contractor's Master Administrator has the right to assign site administrator(s).

2.2.3.2. Create Site Admin Account (For Master Admin ONLY)

- Click Create site admin account icon 【  】 on the toolbar.
- Enter site admin account information as required and assign contract(s).
- Click 【**Create**】 to create site admin account.
- Click 【**Cancel**】 to return to the page without changes.

Create Site Admin Account


Login Name	<input type="text" value="Login Name"/>	Email Address	<input type="text" value="Email Address"/>
Password :	<input type="password" value="Password"/>	Confirm Password :	<input type="password" value="Confirm Password"/>
English Name	<input type="text" value="English Name"/>	Chinese Name	<input type="text" value="Chinese Name"/>
Contract			
<input type="checkbox"/> 161110008 - Lucknow Muzaffar National High...		<input type="checkbox"/> 161110009 - Widening to 4-lane of existing...	
<input type="checkbox"/> 161210051 - Construction of New Four Lane ...			

Create


Cancel


Note: Only the Contractor's Master Administrator has the right to create the site admin account.

2.2.3.3. Download Daily Attendance Record

- Click Download DAR icon  on the toolbar.
- Enter the date range of the DAR(s) you would like to download.
- Click **Raw DAR** to download the raw DAR(s).
- Click **Submitted/Consolidated DAR** to download the submitted or consolidated DAR(s).
- Click **Raw DAR with Worker Name** to download the raw DAR(s) with worker's name.
- Click **Submitted/Consolidated DAR with Worker Name** to download the submitted or consolidated DAR(s) with worker's name and submission date.
- Click **Cancel** to return to the page without changes.

Download DAR

Start Date 

End Date 

Remark : Start date and end date are inclusive.

Raw DAR

Submitted/Consolidated DAR

Raw DAR With Worker Name

Submitted/Consolidated DAR With Worker Name

Cancel

- Exported information as below.

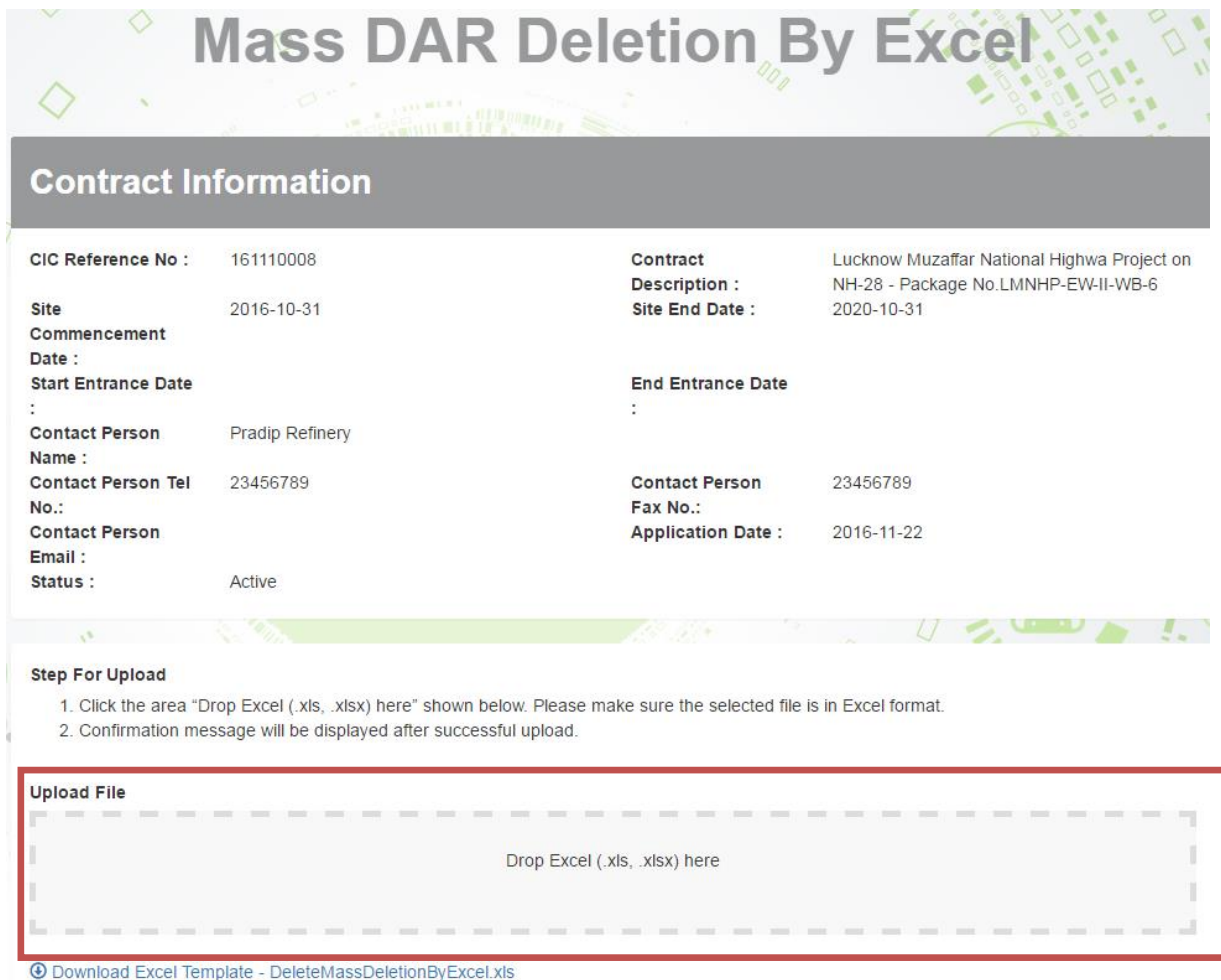
	RAW DAR	Submitted/Consolidated DAR	RAW DAR with Worker Name	Submitted/Consolidated DAR with Worker Name
Row ID	✓	✓	✓	✓
Site ID	✓	✓	✓	✓
In Out Type	✓	✓	✓	✓
CWR Number	✓	✓	✓	✓
English Name	N/A	N/A	✓	✓
Chinese Name	N/A	N/A	✓	✓
Serial No	✓	✓	✓	✓
Practising Trade	✓	✓	✓	✓
Transaction Time	✓	✓	✓	✓
Portable Device Registration Id	✓	✓	✓	✓
Portable Device Registration Name	✓	✓	✓	✓
Upload Time	✓	✓	✓	✓
Return Signal	✓	✓	✓	✓
CIC Reference Number	✓	✓	✓	✓
Submitted By	N/A	N/A	✓	✓

Note: The exported excel file will be saved as Microsoft Excel 2007 version.

2.2.3.4. Mass Daily Attendance Record Deletion

User can remove DARs in bulk before formal DAR submission at the CWRG. This function can support contractors' reconciliation/ checking and remove those DARs inconsistent with their records at the integrated biometric devices (or database).

- Click mass DAR deletion icon 【  】 on the tool bar.



Mass DAR Deletion By Excel

Contract Information

CIC Reference No :	161110008	Contract Description :	Lucknow Muzaffar National Highwa Project on NH-28 - Package No.LMNHP-EW-II-WB-6
Site Commencement Date :	2016-10-31	Site End Date :	2020-10-31
Start Entrance Date :		End Entrance Date :	
Contact Person Name :	Pradip Refinery	Contact Person :	23456789
Contact Person Tel No.:	23456789	Fax No.:	
Contact Person Email :		Application Date :	2016-11-22
Status :	Active		

Step For Upload

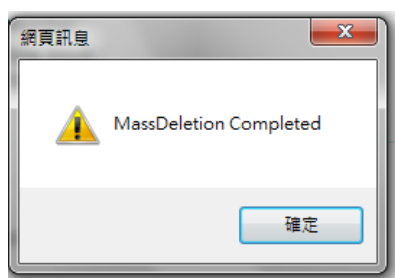
1. Click the area "Drop Excel (.xls, .xlsx) here" shown below. Please make sure the selected file is in Excel format.
2. Confirmation message will be displayed after successful upload.

Upload File

Drop Excel (.xls, .xlsx) here

[Download Excel Template - DeleteMassDeletionByExcel.xls](#)

- Click **Download Excel Template** to download the template. Save those DARs you would like to remove from the system in the specified format as required on the Excel template.
- User can obtain the information of **Row ID** and **CWR No** from the raw DAR and submitted DAR. Please refer to the user manual section 2.2.3.3 for the download procedures.
- Click '**Drop Excel**' to add the attachment.
- The system will delete the respective DAR(s) automatically. The following Message will indicate whether the mass DAR deletion is successful or not:



- If the uploaded data or file format is not correct, the following messages will occur:
- I) DAR does not exist.





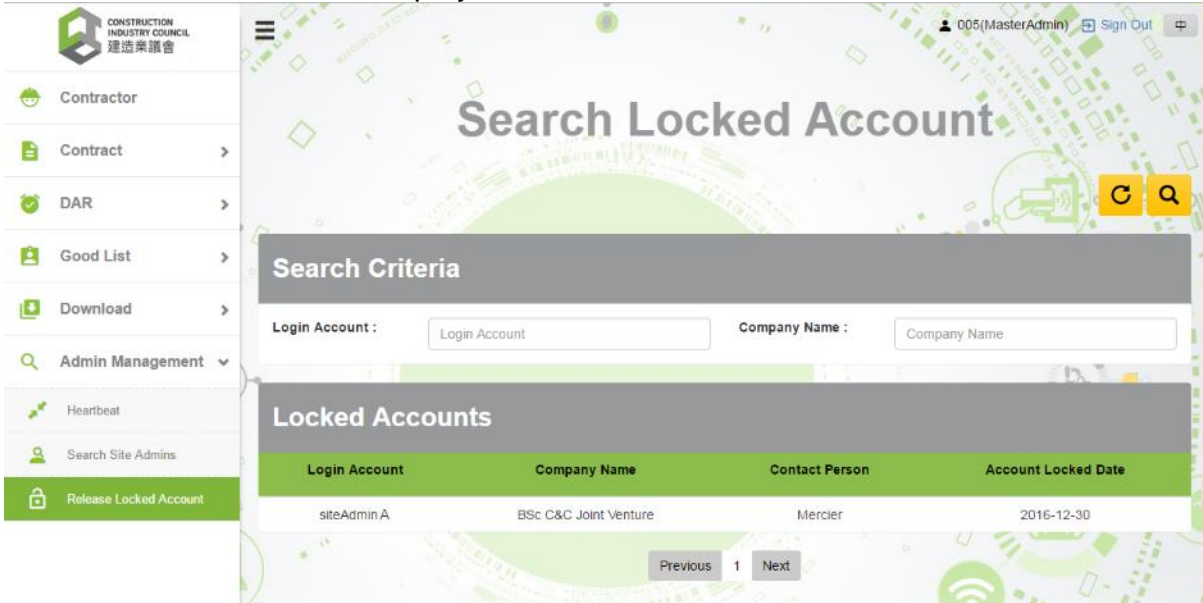
- II) No Construction Workers Registration number could be found in the Excel.



Note: **RowId** is a unique indicator for each DAR. User shall provide correct and complete RowId and CWRNo to perform the mass DAR deletion.

2.2.3.5. Search Locked Site Admin Account

- The site admin account would be locked as a result of excessive (20 times) failed login attempts.
- Master admin can then choose to unlock or release these locked accounts.
- First, click “ **Admin Management** ” > “ **Release Locked Account** ”.
- To reset the searching criteria and result, click .
- Enter searching criteria (Optional) and click .
- Search results will be displayed in the table as shown below.



Search Locked Account


Search Criteria

Login Account : Company Name :

Locked Accounts

Login Account	Company Name	Contact Person	Account Locked Date
siteAdmin A	BSc C&C Joint Venture	Mercier	2016-12-30

Previous 1 Next

- Select locked site admin account, click  to unlock that account.





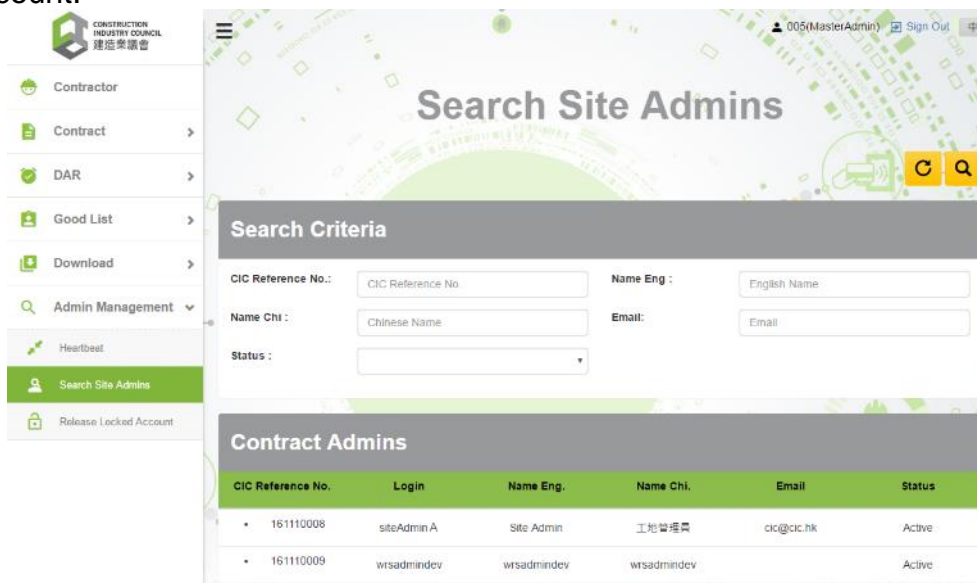
Release Locked Account

Locked Account Information

Login Account	siteAdmin A	Company Representative	Mercier
Company Phone	23456789	Company Name	BSc C&C Joint Venture
Chinese Company Name	力寶華潤有限公司		

2.2.3.6. Search Site Admins

- To check, update or assign contract to site admin, click “**Admin Management**” > “**Search Site Admins**”
- Input searching criteria (Optional), click  .
- To reset the searching criteria, click  .
- Search results will be displayed in the table as shown below.
- Click on the desired site administrator to review the details of the administrator account.



Search Site Admins

Search Criteria




CIC Reference No.: Name Eng:

Name Chi: Email:

Status:

Contract Admins

CIC Reference No.	Login	Name Eng.	Name Chi.	Email	Status
161110008	siteAdmin A	Site Admin	工地管理員	cic@cic.hk	Active
161110009	wsadmindev	wsadmindev	wsadmindev		Active

- To change the password/ email/ name of site admin, click  “**Edit Account**”.
- To assign contract to site admin, click  “**Assign Contract**”.
- To delete site admin account, click  “**Delete Account**”



Admin Account Profile

Account Information

Login Name: siteAdmin A Email address: cic@cic.hk

English Name: Site Admin Chinese Name: 工地管理員

Status: Active

Contract Information

CIC Reference No	Contract Description	Site Commencement Date	Site End Date
161110008	Lucknow Muzaffar National Highwa Project on NH-28 - Package No.LMNHP-EW-II-WB	2016-10-31	2020-10-31

2.3. Daily Attendance Record Maintenance

2.3.1. Daily Attendance Record Submission

2.3.1.1. Daily Attendance Record Submission Status of All Contracts

- Click “DAR” > “Unsubmitted DAR Submission”
- The system will display the DAR upload status of all contracts on the past 7 days.
- Click **【View】** to view the DAR details of the desired contract account.
- Click **【Summary of Unsubmitted DAR Submission】** to convert preview mode.



	Item	Description
1.		The DAR(s) have been uploaded successfully
2.		The DAR(s) upload incomplete
3.		Unknown status

Note:

- CIC cloud shall synchronize with the card reading device to collect the latest attendance record. Therefore, the DAR upload status of the card reading device in CWRG will not reflect until the next day.
- 'N/A' will be shown for contract without any registered device.

- After changing the display mode, the system will display the DAR upload details of all contracts on the past 7 days, as shown below.
- Click **【View】** to review the DAR details of the desired contract account.
- Click **【Detail of Unsubmitted DAR Submission】** to change the preview mode.

Contract

DAR

Good List

Download

Admin Management

Unsubmitted DAR Submission

Detail of Unsubmitted DAR Submission

Number	ContractShortName	Start Date	End Date	Da y1	Da y2	Da y3	Da y4	Da y5	Da y6	Da y7	
16111-0008	Lucknow Muzaffar National Highway Project on NH-28	2016-12-19	2016-12-25	0/1	0/1	0/1	0/1	0/1	0/1	0/1	Submit View
16111-0009	Widening to 4-lane of existing single / intermediate lane carriageway of National Highway	2016-12-16	2016-12-21	0/1	0/1	0/1	0/1	0/1	0/1	0/1	Submit View
16121-0051	Construction of New Four Lane Roads (Road Nos. 1,3,4,5,6,8 & 9B) in Naya Raipur Development Area	2016-12-17	2016-12-23								Submit View

Previous1Next

	Item	Description
1.	0/0	No. of device the DAR upload has been completed / Total no.of registered device(s)
2.	0	Total no. of worker's DAR uploaded
3.	0/0	No. of DAR(s) uploaded / Total no.of DAR(s)

2.3.1.2. Manage the DAR Upload Status of the Specified Contract

- In DAR Submission Summary page for contract, the system will display the past and present DAR upload status of the contracts on a period of 7 days as shown below:

DAR Information - To Be Submitted

Summary of To Be Submitted DAR Submissions

Start Date	End Date	Due Date	Day1	Day2	Day3	Day4	Day5	Day6	Day7	Download	
2016-11-07	2016-11-13	2016-11-15								CONSOLIDATED RAW	Submit View
2016-11-14	2016-11-20	2016-11-22								CONSOLIDATED RAW	Submit View
2016-11-21	2016-11-27	2016-11-29								CONSOLIDATED RAW	Submit View
2016-11-28	2016-12-04	2016-12-06								CONSOLIDATED RAW	Submit View
2016-12-05	2016-12-11	2016-12-13								CONSOLIDATED RAW	Submit View

DAR Information - Current Week

Summary of DAR Information - Current Week

Start Date	End Date	Day1	Day2	Day3	Day4	Day5	Day6	Day7	Download	
2016-12-26	2017-01-01								CONSOLIDATED RAW	View




- Device Upload Completed
 - Device Upload Incomplete
 - Device Unknown

DAR Information - Submitted

Summary of DAR Information - Submitted

Start Date	End Date	Due Date	Submission Date	Submitted By	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Download	
2016-10-31	2016-11-06	2016-11-08	2016-12-14	AP								SUBMITTED RAW	View






- Click **【View】** to review the DAR details of the desired period of time.
- Click **【Summary of DAR Information】** to change the preview mode.




	Item	Description
1.		The DAR(s) have been uploaded successfully
2.		The DAR(s) upload incomplete
3.		Unknown status

- After switching the display mode, the system will display the DAR upload details of the contracts on the past 7 days.
- Click **【View】** to review the DAR details of the desired period of time.
- Click **【Detail of DAR information】** to change the preview mode.

DAR Information - Current Week

























Detail of DAR Information - Current Week




Start Date	End Date		Day1	Day2	Day3	Day4	Day5	Day6	Day7	Download
2016-12-26	2017-01-01		0/1	0/1	0/1	0/1	0/1	0/1	0/1	 CONSOLIDATED
			0	0	0	0	0	0	0	
			0/0	0/0	0/0	0/0	0/0	0/0	0/0	 RAW

 - Upload Completed Devices
 - Total Number Of Workers Uploaded By Devices
 - Total Uploaded Daily Attendances

DAR Information - Submitted

Detail of DAR Information - Submitted

Start Date	End Date	Due Date	Submission Date	Submitted By	Da y1	Da y2	Da y3	Da y4	Da y5	Da y6	Da y7	Download
2016-10-31	2016-11-06	2016-11-08	2016-12-14	AD 	 3/3	 3/3	 3/3	 3/3	 3/3	 3/3	 3/3	 SUBMITTED
					 0	 0	 0	 0	 0	 0	 0	
					 0/0	 0/0	 0/0	 0/0	 0/0	 0/0	 0/0	 RAW

	Item	Description
1.	 0/0	No. of device the DAR upload has been completed / Total no.of registered device(s)
2.	 0	Total no. of worker's DAR uploaded
3.	 0/0	No. of DAR(s) uploaded / Total no.of DAR(s)

Note:

- The DAR upload status of the card reading device will only reflect on the next day in CWRG. The number of Synchronized Card Reading Device will not reflect on the CWRG records if the task is not finished.
- 'N/A' will be shown if contract without registered device.

2.3.1.3. Card Reading Device Synchronization Status

- When click **【View】** to review the DAR details of a submission period. The default page “**DAR Submission by Device**” will be displayed after entering a specific 7-Days DAR Submission detail page. All the upload status within these 7-Days period regarding to the registered device will be displayed as shown below :

Contract Information					
CIC Reference No:	161110009	Contract Number:	Project No.C-II/BR-6	Contract Description:	Widening to 4-lane of existing single / intermediate lane carriageway of National Highway No.57 section from Km.155.00 (Kosi Western Ring Bund) to Km.110.00 (Jhanjharpur) in the State of Bihar on Eats West Corridor under NHDP-Phase-II, Project No.C-II/BR-6
Site Commencement Date:	2016-11-11	Site End Date:	2016-12-21	Short Description:	Widening to 4-lane of existing single / intermediate lane carriageway of National Highway
Start Entrance Date : Location:		End Entrance Date : Contact Person:	Shambhu Ray	Tel No.:	23456789

DAR Submission By Device

DAR Submission By Worker

Device Name	09 Dec	10 Dec	11 Dec	12 Dec	13 Dec	14 Dec	15 Dec
India 人	?	?	?	?	?	?	?
三 J2-B	📄	📄	📄	📄	📄	📄	📄
三 J5	📄	📄	📄	📄	📄	📄	📄

📄 - Device Upload Completed
 📄 - Device Upload Incomplete
 ? - Device Unknown
 - Inactive
 - Detach Date

	Item	Description
1.		The DAR(s) have been uploaded successfully
2.		The DAR(s) upload incomplete
3.		Unknown status
4.		Invalid card reading device
5.		Device has been deregistered from the contract

- Click **【Detail Summary of Portable Device Registration】** to change the display mode.
- The system will display the upload status of the respective card reading device in the specific time range which has been registered under the contract.

Device	Last Upload Status Time	09 Dec	10 Dec	11 Dec	12 Dec	13 Dec	14 Dec	15 Dec
India 人	?	0 0/0	0 0/0	0 0/0	0 0/0	0 0/0	0 0/0	0 0/0
三星J2-B	2016-12-15 15:43:46	0 0/0	0 0/0	0 0/0	0 0/0	0 0/0	0 0/0	0 4/4
三星J5	?	0 0/0	0 0/0	0 0/0	0 0/0	0 0/0	0 0/0	0 4/4

	Item	Description
1.	Last Upload Connection Status	The last upload and connection status of the card reading device
2.		Connection Success
3.		Connection Fail
4.		The DAR(s) have been uploaded successfully
5.		The DAR(s) upload incomplete
6.		Unknown status
7.		DAR Upload Completed
8.		Total no. of workers uploaded
9.		No. of DAR(s) uploaded / Total no.of DAR(s)
10.		Invalid card reading device
11.		Device has been deregistered from the contract

2.3.1.4. Maintain Daily Attendance Record

- The DAR of the selected submission period will be displayed when entering device name in **“DAR Submission by Device”**.

- The DAR of the selected submission period will also be displayed when entering the searching criteria in **“DAR Submission by Worker”**.
- Click **【Q Search】** to retrieve the workers' DAR based on specific searching criteria.
- Search results will be displayed in the table as shown below.

- Click **【!】** “View DAR Detail” to review the worker's DAR on a specified date.

Worker	09 Dec	10 Dec	11 Dec	12 Dec	13 Dec	14 Dec	15 Dec
CWR 							C406 Tapped 15:43



- Click **【Close】** to quit.

CWR No.	Practising Trade	Inout Type	Transaction Time	Running No.	Source	Device Name	Return Signal	Last Modified Date
CWR16000 	C406 强制性基本安全训练课程(平安咭) Mandatory Basic Safety Training Course (Green Card)	Tapped	15:43	2511905	Web	三星J2-B	Unknown	2016-12-30 15:10:44

	Item	Description
1.	Source : Web	DAR collected from CWRG
2.	Source : Mobile	DAR collected from card reading device
3.	Inout Type : In	In record
4.	Inout Type : Out	Out record
5.	Inout Type : Tapped	Tap record


2.3.2. Modify Daily Attendance Record



2.3.2.1. Add Daily Attendance Record

- Click  "Edit".
- Click  to add new DAR.

A new entry will be created at the top of the list as shown below:

Create DAR Detail
Close



CWR No. *	Practising Trade *	In / out Type *	Transaction Date *	Card Serial No. / Running No. **	Action
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/> <div style="display: flex; justify-content: space-around;"> 00 00 </div>	<input style="width: 100%;" type="text"/>	 

*Indicates required field

**Please refer the no. located on the lower right corner behind the CWR card

- System support Capital "CWR"/ small "cwr" letter input.
- Input: (I) Practising Trade; (II) In/out Type; (III) Time; (IV) Running No./ Serial No.
- Running No. can refer the number located on the lower right corner behind the CWR card





- Click **Save** to save changes.
- Click **Cancel** to leave without changes.
- Click **Close** to leave the page once finished.

2.3.2.2. Edit Daily Attendance Record

- Click  > 

DAR Detail Management Close



+
↺

Transaction Date: 2016-12-14						
CWR No.	Practising Trade	Inout Type	Transaction Time	Card Serial No. / Running No. *	Detail	Action
CWR 00000000	C406 強制性基本安全訓練課程(平安咭) Mandatory Basic Safety Training Course(Green Card)	Tapped	10:36	0400000000	Source Mobile Device Name 0f24 Return Signal Unknown Last Modified Date 2017-04-12 10:37:30	<div style="border: 2px solid red; padding: 2px; display: inline-block;"></div> 

- Click **【Save】** to save changes after update.
- Click **【Cancel】** to leave without changes.
- Click **【Close】** to leave the page once finished.

DAR Detail Management Close

+
↺

Transaction Date: 2016-12-14						
CWR No.	Practising Trade	Inout Type	Transaction Time	Card Serial No. / Running No. *	Detail	Action
CWR 00000000	C406 強制性基本安全訓練課程(平安咭) Mandatory Basic Safety Training Course (Green Card) ▼	Tapped ▼	<div style="display: flex; align-items: center; justify-content: center;"> ⬆ 10 : 36 ⬇ </div>	047A8BF#	Source Mobile Device Name 0f24 Return Signal Unknown Last Modified Date 2017-04-12 10:37:30	<div style="border: 1px solid #ccc; padding: 2px; display: inline-block;"></div> <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;"></div>

Note: System allows update of the following information: (I) Practising Trade; (II) In/out Type (III) Time; (IV) Running No./ Serial No.

2.3.2.3. Delete / Undo the Deletion

- Click **【Delete】** to delete the DAR record.
- Click **【Close】** to close the page once finished.

DAR Detail Management
Close

+
↺

Transaction Date: 2016-12-14

CWR No.	Practising Trade	Inout Type	Transaction Time	Card Serial No. / Running No. *	Detail	Action
CW[REDACTED]	C406 強制性基本安全訓練課程(平安咭) Mandatory Basic Safety Training Course(Green Card)	Tapped	10:36	[REDACTED]	<div>Source</div> <div>Mobile</div> <div>Device Name</div> <div>0f24</div> <div>Return Signal</div> <div>Unknown</div> <div>Last Modified Date</div> <div>2017-04-12 10:37:30</div>	<div style="background-color: #ffcc00; padding: 5px; text-align: center;">✎</div> <div style="border: 2px solid red; background-color: #ffcc00; padding: 5px; text-align: center;">🗑</div>

- Click **【Undo】** to recover the delete action.


DAR Detail Management
Close

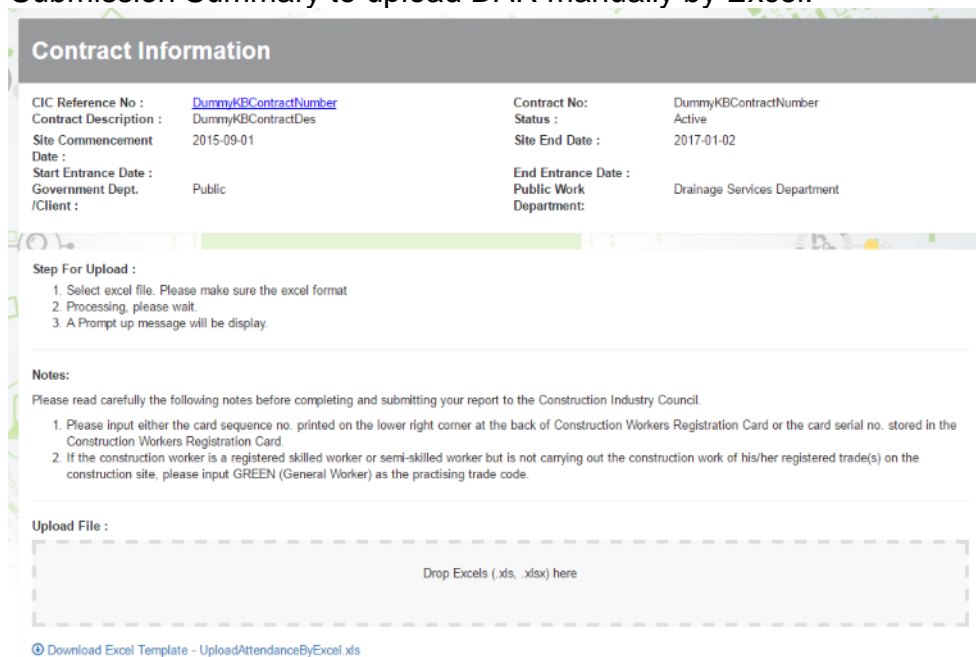
+
↺

Transaction Date: 2016-12-14

CWR No.	Practising Trade	Inout Type	Transaction Time	Card Serial No. / Running No. *	Detail	Action
CW[REDACTED]	C406 強制性基本安全訓練課程(平安咭) Mandatory Basic Safety Training Course(Green Card)	Tapped	10:36	[REDACTED]	<div>Source</div> <div>Web</div> <div>Device Name</div> <div>0f24</div> <div>Return Signal</div> <div>Unknown</div> <div>Last Modified Date</div> <div>2017-05-10 12:41:02</div>	<div style="border: 2px solid red; background-color: #ffcc00; padding: 5px; text-align: center;">↻</div>

2.3.3. Upload Daily Attendance Record for Exempted Site

- For exemption site, users can click  in contract profile or DAR Submission Summary to upload DAR manually by Excel.



Contract Information

CIC Reference No :	DummyKBContractNumber	Contract No:	DummyKBContractNumber
Contract Description :	DummyKBContractDes	Status :	Active
Site Commencement Date :	2015-09-01	Site End Date :	2017-01-02
Start Entrance Date :		End Entrance Date :	
Government Dept. /Client :	Public	Public Work Department:	Drainage Services Department

Step For Upload :

1. Select excel file. Please make sure the excel format
2. Processing, please wait.
3. A Prompt up message will be display.

Notes:

Please read carefully the following notes before completing and submitting your report to the Construction Industry Council.

1. Please input either the card sequence no. printed on the lower right corner at the back of Construction Workers Registration Card or the card serial no. stored in the Construction Workers Registration Card.
2. If the construction worker is a registered skilled worker or semi-skilled worker but is not carrying out the construction work of his/her registered trade(s) on the construction site, please input GREEN (General Worker) as the practising trade code.

Upload File :

Drop Excels (.xls, .xlsx) here

[Download Excel Template - UploadAttendanceByExcel.xls](#)

- Click **“Download Excel Template”** to download the template. Save those DARs you would like to add to the system in the specified format as required on the Excel template.

IN/OUT/TAP 進/出/泊 (0/1/2)	Construction Workers Registration No. 建造業工人註冊編號	Card Serial No. / Card Sequence No. (See Note 1) 卡序號 / 序列號(註解 1)	Practising Trade Code (See Note 2) 從事工作的工種代號 (註解 2)	Transaction Date/Time (yyyy-mm-dd hh:mm:ss) 讀證日期/時間 (年-月-日 時:分:秒)
0	CWR200000001	123456	Green	2016-09-15 09:00:00
I	CWR200000001	123456	C406	2016-09-15 09:01:00
1	CWR200000001	123456	GREEN	2016-09-15 17:59:00
0	CWR200000001	123456	green	2016-09-15 18:00:00

- Click **“Drop Excel”** to upload the completed file.
- Note:** System does not allow user to upload multiple submission periods within the same file.
- After successful DAR upload by excel file, the screen would return to the page of “DAR Submission Summary” automatically.
- If the uploaded file contains error, user can download an excel report for the errors description.

Uploaded File Contains Errors

The uploaded file contains error data, please download the error list or upload another valid excel file.


Download

Cancel



- Click **【Download】** to download the excel file and view the error message.

Error Message								
Excel Row Number: 2. Transaction Time of CWR06072443 is not in correct format (yyyy-MM-dd HH:mm:ss)								
Excel Row Number: 3. Transaction Time of CWR06072443 is not in correct format (yyyy-MM-dd HH:mm:ss)								
Excel Row Number: 4. Transaction Time of CWR06087878 is not in correct format (yyyy-MM-dd HH:mm:ss)								
Excel Row Number: 5. Transaction Time of CWR06087878 is not in correct format (yyyy-MM-dd HH:mm:ss)								
Excel Row Number: 6. Transaction Time of CWR07006953 is not in correct format (yyyy-MM-dd HH:mm:ss)								
Excel Row Number: 7. Transaction Time of CWR07006953 is not in correct format (yyyy-MM-dd HH:mm:ss)								
Excel Row Number: 8. Transaction Time of CWR08004493 is not in correct format (yyyy-MM-dd HH:mm:ss)								
Excel Row Number: 9. Transaction Time of CWR08004493 is not in correct format (yyyy-MM-dd HH:mm:ss)								
Excel Row Number: 10. The number of fields do not match or missing: TransactionTime								
Excel Row Number: 11. The number of fields do not match or missing: TransactionTime								

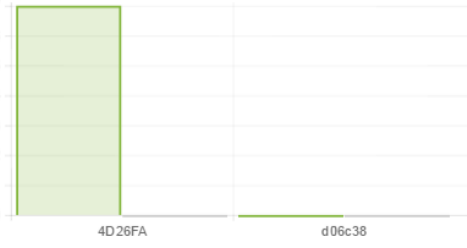
2.3.4. Daily Attendance Record Submission

- User can submit attendance record by using the  as shown on the above-mentioned page.
- Click **【Submit】** and the following statistic page would be popped-up.
- User must tick the check box below to confirm the terms.
- Click **【Confirm】** to submit DAR or click **【Cancel】** to leave the page without submission.

Are you sure to submit Daily Attendance Record?

Submission Information		Devices Sync Status	
Start Submission	2017-01-06	Total	2
End Submission	2017-01-12	Completed	0
Due Date	2017-01-14	Incomplete	2
Total No. of Workers 	0		

■ Upload Completed Device ■ Upload Incomplete Device

DAR Upload Status		Daily Attendance Records per Devices	
Total	7	Uploaded	7
Pending	0		

■ Upload Completed DARs ■ Upload Incomplete DARs

Certain records require verification before submission, click [<here>](#) .

☐ We have checked the Daily Attendance Record according to the requirements of the Construction Workers Registration Ordinance Cap. 583 and hereby submitted to the CIC.

Confirm
Cancel

- If the message '**Certain records require verification before submission, click <here>**' is shown at the bottom above the terms, please click **【here】** to view the Attendance Records for Verification.

Attendance Records for Verification

Problematic Attendances

CIC Reference No: 161210001 Contract No.: 888888881

Short Description: Ping Short Description

Transaction Date From: Transaction Date To:

Search

Attendances

CWRNo	Practising Trade Code	In/Out Type	Transaction Time	Source Type	Serial No.	Biometric Signal	Device ID	Fail Reason
CWR16000022	GREEN	In	2016-12-16 12:16:41	Mobile	52DB0064	Unknown	3679	Inactive Portable Device Exception

- Users can click the **【Cancel Submit】** button after submission. Please note that the **【Cancel Submit】** button is available only on or before DAR Submission due date. After due date the submitted DAR cannot be cancelled.

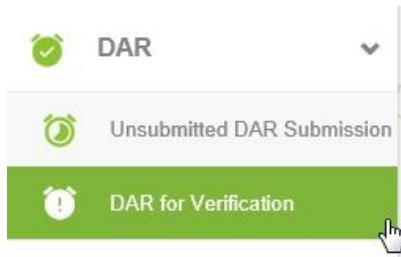
DAR Information - Submitted

Summary of DAR Information - Submitted

Start Date	End Date	Due Date	Submission Date	Submitted By	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Download
2017-01-03	2017-01-09	2017-01-11	2017-01-11	dummyCwrg	?	?	?	?	?	?	?	SUBMITTED Cancel Submit RAW View
2016-03-01	2016-03-07	2016-03-09	2017-01-11	dummyCwrg								Cannot download over 180 days data! View

2.3.5. DAR for Verification

- To verify the failed DAR records, click **【 DAR for Verification 】** ,



- Select Contract




Contracts with Attendance Records for Verification					
Contracts					
CIC Reference No	Contract No.	Short Desc	Status	Site Commencement Date	Site End Date
160310039	20160328	20160328	Active	2016-03-01	2016-03-31

- Input searching criteria (Optional) , click **【 Search 】** ,
- User can click **【 Edit 】** to edit or click **【 Delete 】** to remove failed DAR after verification. System would not show reminder once the failed DAR has been removed before DAR submission.

Attendances								
CWRNo	Practising Trade Code	In/Out Type	Transaction Time	Source Type	Card No.	Biometric Signal	Device ID	Fail Reason
CWR15048257	GREEN	In	2016-12-14 10:44:05	Mobile	047A8BFABC3480	Unknown	2722	Smart card waiting for activation. Edit Delete
CWR15048257	GREEN	Tapped	2016-12-14 10:33:10	Mobile	047A8BFABC3480	Unknown	2722	Card number does not exist. Edit Delete
CWR15048257	GREEN	Out	2016-12-14 10:31:31	Mobile	047A8BFABC3480	Unknown	2722	Card number does not exist. Edit Delete
CWR10028491	GREEN	Out	2016-12-14 10:22:56	Mobile	043192FABC3480	Unknown	2722	Smart card voided on 2016-12-13. Edit Delete


Note: System will validate card status of DAR during mobile upload. DAR records will be marked as failed in “DAR for Verification” if the corresponding CWR card(s) is/are voided or not activated.

2.3.6. Download Raw DAR / Submitted DAR

- User may download raw / submitted DAR in excel format by using the download  feature as label on the above-mentioned page.
- Click  RAW to download raw DAR.
- Click  SUBMITTED to download submitted DAR

2.3.7. Change Subscription Status for DAR Submission Reminder

A DAR submission reminder email will be sent if DARs of the specific period are not submitted to CIC at 9am on the day of deadline (i.e. 9th day at 9 am). The reminder can be disabled by using Unsubscribe function in Contract Profile. The recipients of this email reminder are: 1) Site Admin, 2) Site Representative and 3) Company Representative.

- In contract profile, click  to unsubscribe or subscribe DAR submission reminder.

Assign Subscribe Submission Reminder!

Are you sure to subscribe Submission Reminder?

Subscribe

Cancel

Assign Subscribe Submission Reminder!

Are you sure to unsubscribe Submission Reminder?

Unsubscribe

Cancel

- Click **【Subscribe】** or **【Unsubscribe】** button in the pop-up dialog to confirm changes.

2.4. Other Functions

2.4.1. Manage Registered Construction Workers details

- In Contract Profile, Click 【  】 “Good List” to enter the Good List Management page.

Good List

Contract Information

CIC Reference No : Contract Description : Site Commencement Date : Start Entrance Date : Total No. of Workers:	161110009 Widening to 4-lane of existing single / intermediate lane carriageway of National Highway No.57 section from Km.155.00 (Kosi Western Ring Bund) to Km.110.00 (Jhanjharpur) in the State of Bihar on Eats West Corridor under NHDP-Phase-II, Project No.C-II/BR-6 2016-11-11 4	Contract No: Status : Site End Date : End Entrance Date :	Project No.C-II/BR-6 Ended 2016-12-21
---	---	--	---

By Device
By Worker

Last 7 Dates :

2016-12-30

📅

Device Status :

All

▼

[☰ Summary of Portable Device Registration](#)

Device	24 Dec	25 Dec	26 Dec	27 Dec	28 Dec	29 Dec	30 Dec
India 人	⬆	?	?	?	?	?	?
	⬆	?	?	?	?	?	?

⬆ - Upload

⬇ - Download

⬆⬇ - Upload/Download Complete

⬆⬇ - Upload/Download Incomplete

? - Unknown

- Inactive

- Detach Date

2.4.1.1. Preview Good List Synchronization Status

- Click “**By Device**” to preview the synchronization status of registered card reading devices.

By Device By Worker

Last 7 Dates : 2016-12-30 Device Status : All

Summary of Portable Device Registration

Device	24 Dec	25 Dec	26 Dec	27 Dec	28 Dec	29 Dec	30 Dec
India 人	?	?	?	?	?	?	?
	?	?	?	?	?	?	?

- Upload
 - Download
 - Upload/Download Complete
 - Upload/Download Incomplete
 - Unknown
 - Inactive
 - Detach Date

	Item	Description
1.		Good list downloaded and uploaded successfully
2.		Good list download and upload incomplete
3.		Unknown status
4.		Invalid card reading device
5.		Device has been deregistered from the contract

- Click **【Summary of Portable device Registration】** to switch the display mode.
- The system will display the synchronization status of the registered card-reading device of the specified period of time.








By Device By Worker

Last 7 Dates : 2016-12-30 Device Status : All

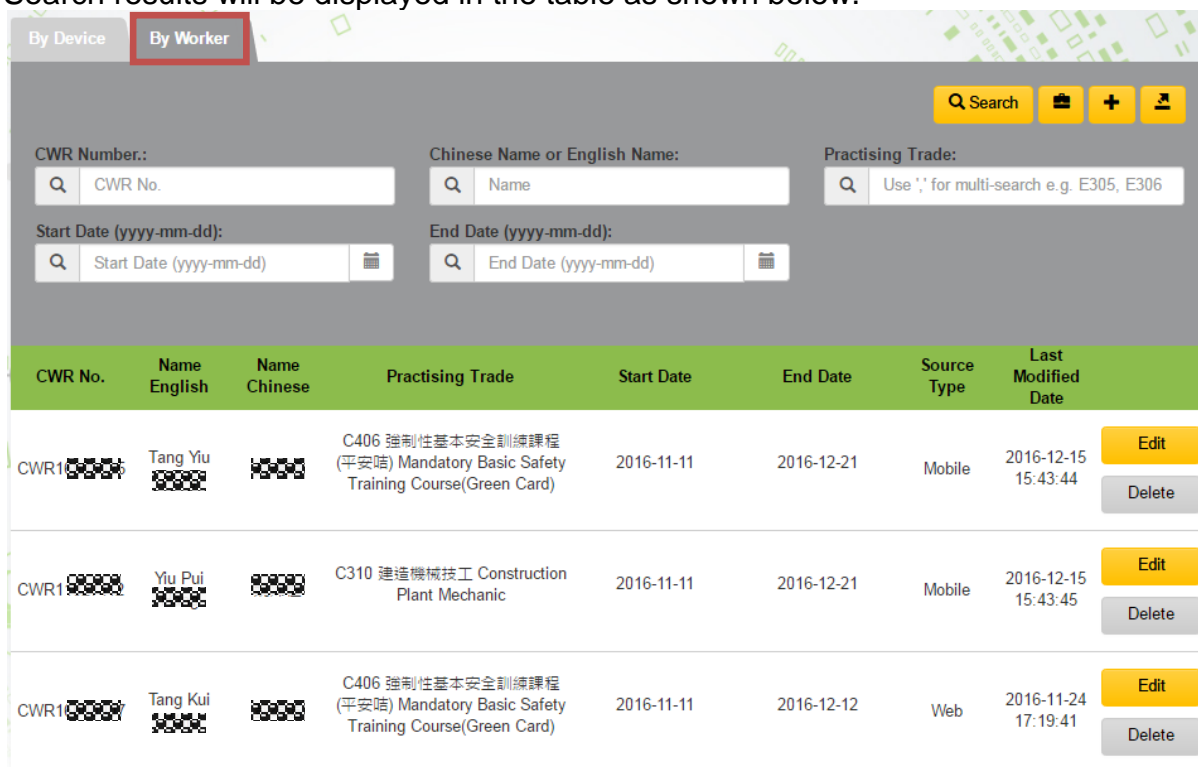
Detail Summary of Portable Device Registration

Device	Last Upload Connection Status	Last Download Connection Status	24 Dec	25 Dec	26 Dec	27 Dec	28 Dec	29 Dec	30 Dec
India 人	2016-11-22 11:48:47	2016-11-22 16:30:27	0/0	0/0	0/0	0/0	0/0	0/0	0/0
			?	?	?	?	?	?	?
			0/0	0/0	0/0	0/0	0/0	0/0	0/0
			?	?	?	?	?	?	?










- Connection Successful
 - Connection Fail
 - Upload
 - Download
 - Upload/Download Complete
 - Upload/Download Incomplete
 - Unknown
 - Inactive
 - Detach Date

	Item	Description
1.	Last Upload Connection Status	Last upload time and connection status of the card reading device
2.	Last Download Connection Status	Last upload time and connection status of the card reading device
3.		Connection Success
4.		Connection Fail
5.		Good list downloaded and uploaded successfully
6.		Good list download and upload incomplete
7.		Unknown status
8.		Invalid card reading device
9.		Device has been deregistered from the contract

- Click **“By Worker”** to preview the list of registered construction workers of the contract.
- After entering the searching criteria, click **【Search】**.
- Search results will be displayed in the table as shown below.



The screenshot shows the 'By Worker' search results page. At the top, there are tabs for 'By Device' and 'By Worker' (highlighted with a red box). Below the tabs are search filters: 'CWR Number:', 'Chinese Name or English Name:', 'Practising Trade:', 'Start Date (yyyy-mm-dd):', and 'End Date (yyyy-mm-dd):'. Each filter has a search icon and a text input field. To the right of the filters are three yellow buttons: 'Search', '+', and a user icon. Below the filters is a table with the following columns: CWR No., Name English, Name Chinese, Practising Trade, Start Date, End Date, Source Type, and Last Modified Date. The table contains three rows of data, each with an 'Edit' and 'Delete' button to its right.

CWR No.	Name English	Name Chinese	Practising Trade	Start Date	End Date	Source Type	Last Modified Date	
CWR1 	Tang Yiu 		C406 強制性基本安全訓練課程 (平安咭) Mandatory Basic Safety Training Course(Green Card)	2016-11-11	2016-12-21	Mobile	2016-12-15 15:43:44	<button>Edit</button> <button>Delete</button>
CWR1 	Yiu Pui 		C310 建造機械技工 Construction Plant Mechanic	2016-11-11	2016-12-21	Mobile	2016-12-15 15:43:45	<button>Edit</button> <button>Delete</button>
CWR1 	Tang Kui 		C406 強制性基本安全訓練課程 (平安咭) Mandatory Basic Safety Training Course(Green Card)	2016-11-11	2016-12-12	Web	2016-11-24 17:19:41	<button>Edit</button> <button>Delete</button>

2.4.1.2. Create / Edit / Delete Registered Workers from the Good List

- Click **【+】** to add worker's details.
- Newly added record will be displayed at the top of the list as shown below:

The screenshot shows the 'By Worker' tab of the Construction Workers Registration System. It features a search bar with filters for CWR Number, Chinese Name, English Name, Practising Trade, Start Date, and End Date. Below the search bar is a table of registered workers. The table has columns for CWR No., Name English, Name Chinese, Practising Trade, Start Date, End Date, Source Type, and Last Modified Date. Three workers are listed: Tang Yiu Ming, Yiu Pui Hang, and Tang Kui Wan. Each worker's record has an 'Edit' button and a 'Delete' button. A red box highlights the '+' button in the top right corner of the interface.

CWR No.	Name English	Name Chinese	Practising Trade	Start Date	End Date	Source Type	Last Modified Date
CWR [Image]	Tang Yiu Ming	鄧耀明	C406 強制性基本安全訓練課程 (平安咭) Mandatory Basic Safety Training Course(Green Card)	2016-11-11	2016-12-21	Mobile	2016-12-15 15:43:44
CWR [Image]	Yiu Pui Hang	姚沛恒	C310 建造機械技工 Construction Plant Mechanic	2016-11-11	2016-12-21	Mobile	2016-12-15 15:43:45
CWR [Image]	Tang Kui Wan	鄧漢運	C406 強制性基本安全訓練課程 (平安咭) Mandatory Basic Safety Training Course(Green Card)	2016-11-11	2016-12-12	Web	2016-11-24 17:19:41

- Input: (I) CWR No.; (II) Practising Trade; (III) Start Date; (IV) End Date.
- Click **【Add】** to register worker to the good list.
- Click **【Cancel】** to leave the page without changes.
- Source Type will indicate the source of good list.

	Item	Description
1.	CWR No.	Construction Workers Registration Number
2.	Practising Trade	The work of the designated Trade Division that will carry put by the worker within the registered period.
3.	Start Date	The date worker begins to entry the site to carry out the work of the designated Trade Division.
4.	End Date	The last date worker may entry the site to carry out the work of the designated Trade Division.
5.	Source Type : Web	Good List created on CWRG
6.	Source Type : Mobile	Good List created on card reading device

2.4.1.3. Edit Good List

- Click **【Edit】** to edit registered worker's details on the good list.

CWR No.	Name English	Name Chinese	Practising Trade	Start Date	End Date	Source Type	Last Modified Date	
CWR [Image]	Tang Yiu Ming	鄧耀明	C406 強制性基本安全訓練課程 (平安咭) Mandatory Basic Safety Training Course(Green Card)	2016-11-11	2016-12-21	Mobile	2016-12-15 15:43:44	Edit Delete
CWR [Image]	Yiu Pui	[Image]	C310 建造機械技工 Construction Plant Mechanic	2016-11-11	2016-12-21	Mobile	2016-12-15 15:43:45	Edit Delete
CWR [Image]	Tang Kui	[Image]	C406 強制性基本安全訓練課程 (平安咭) Mandatory Basic Safety Training Course(Green Card)	2016-11-11	2016-12-12	Web	2016-11-24 17:19:41	Edit Delete

- Click **【Save Edit】** to save the changes.
- Click **【Cancel】** to leave the page without changes.

CWR No.	Name English	Name Chinese	Practising Trade	Start Date	End Date	Source Type	Last Modified Date	
CWR [Image]	Tang Yiu Ming	鄧耀明	C406 強制性基本安全訓練課程 (平安咭) Mandatory Basic Safety Training Course(Green Card) ▼	2016-11-11 [Calendar Icon]	2016-12-21 [Calendar Icon]	Mobile	2016-12-15 15:43:44	Save Edit Cancel

Note: CWRG only allows to modify the following data:
(I) Practising Trade; (II) Start Date; (III) End Date.

2.4.1.4. Delete Registration Record from the Good List


- Click **【Delete】** to delete the registered worker from the good list.

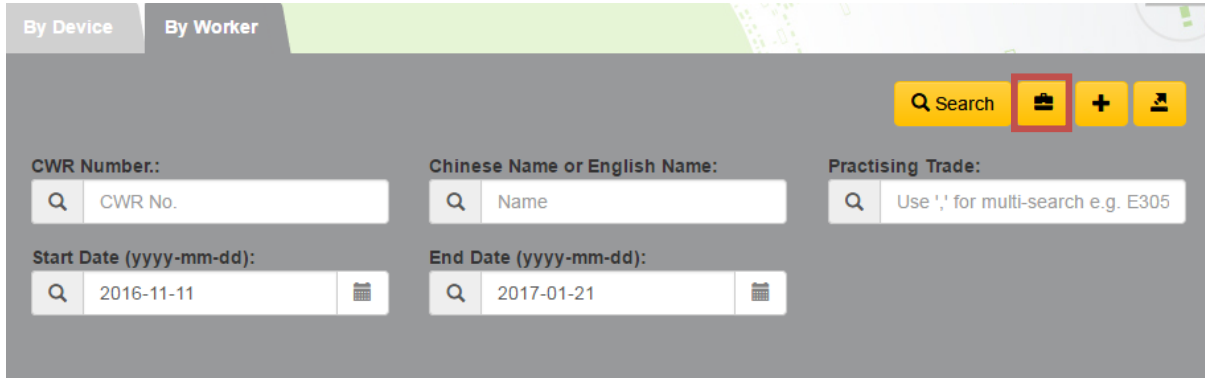
The screenshot shows the 'By Worker' tab of the Construction Workers Registration System. The interface includes search filters for CWR Number, Name, Practising Trade, Start Date, and End Date. Below the filters is a table listing three registered workers. The first worker, Tang Yiu, has a red box around the 'Delete' button. The second worker, Yiu Pui, and the third worker, Tang Kui, also have 'Delete' buttons.

CWR No.	Name English	Name Chinese	Practising Trade	Start Date	End Date	Source Type	Last Modified Date	
CWR16	Tang Yiu		C406 強制性基本安全訓練課程(平安咭) Mandatory Basic Safety Training Course(Green Card)	2016-11-11	2016-12-21	Web	2016-12-30 17:37:51	Edit Delete
CWR16	Yiu Pui		C310 建造機械技工 Construction Plant Mechanic	2016-11-11	2016-12-21	Mobile	2016-12-15 15:43:45	Edit Delete
CWR16	Tang Kui		C406 強制性基本安全訓練課程(平安咭) Mandatory Basic Safety Training Course(Green Card)	2016-11-11	2016-12-12	Web	2016-11-24 17:19:41	Edit Delete

Note: The android device should synchronize with CWR cloud to update the latest Good List.

2.4.1.5. Mass Update End Date in Good List

- Click **“By Worker”** to preview the list of registered construction workers of the contract.
- Leverage the searching criteria to filter those workers working on the original end date of the contract, click **【Search】**.
- Click **【】**.



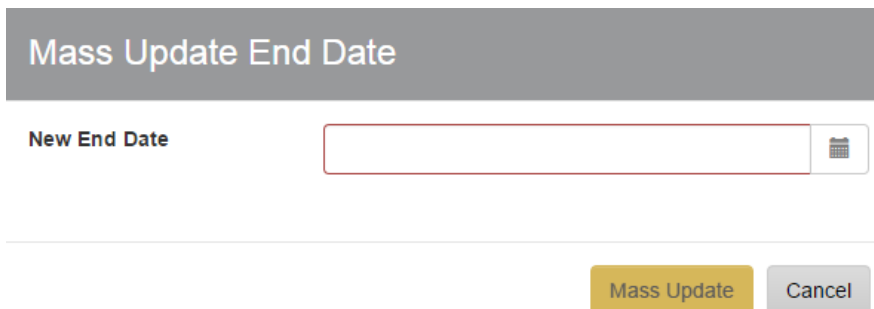
By Device | **By Worker**

Search: Search

CWR Number.: CWR No. Chinese Name or English Name: Name Practising Trade: Use ',' for multi-search e.g. E305

Start Date (yyyy-mm-dd): 2016-11-11 End Date (yyyy-mm-dd): 2017-01-21

- Input “New End Date” and Click **【 Mass Update 】**.

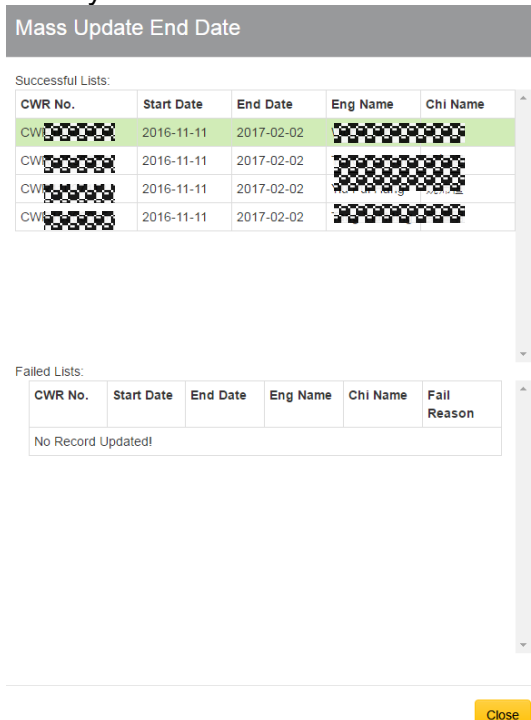


Mass Update End Date

New End Date

Mass Update **Cancel**

- System shows the result of **Mass Update End Date**.



Mass Update End Date

Successful Lists:

CWR No.	Start Date	End Date	Eng Name	Chi Name
CW-	2016-11-11	2017-02-02		
CW-	2016-11-11	2017-02-02		
CW-	2016-11-11	2017-02-02		
CW-	2016-11-11	2017-02-02		

Failed Lists:

CWR No.	Start Date	End Date	Eng Name	Chi Name	Fail Reason
No Record Updated!					

Close

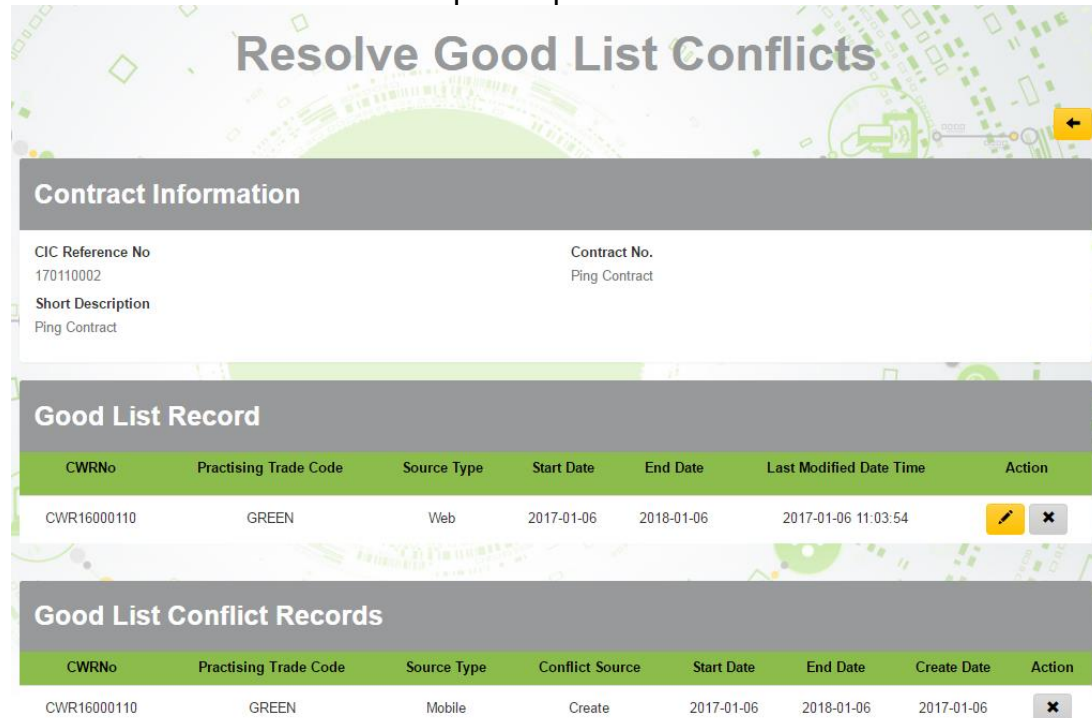
2.4.1.6. Resolve Good List Conflicts







System will list out all data conflict in all related good list. Steps to resolve conflict are shown as follow:

- Click “**Good List Conflict**” under Good List under the menu bar.





- Select a conflict record in specific period.

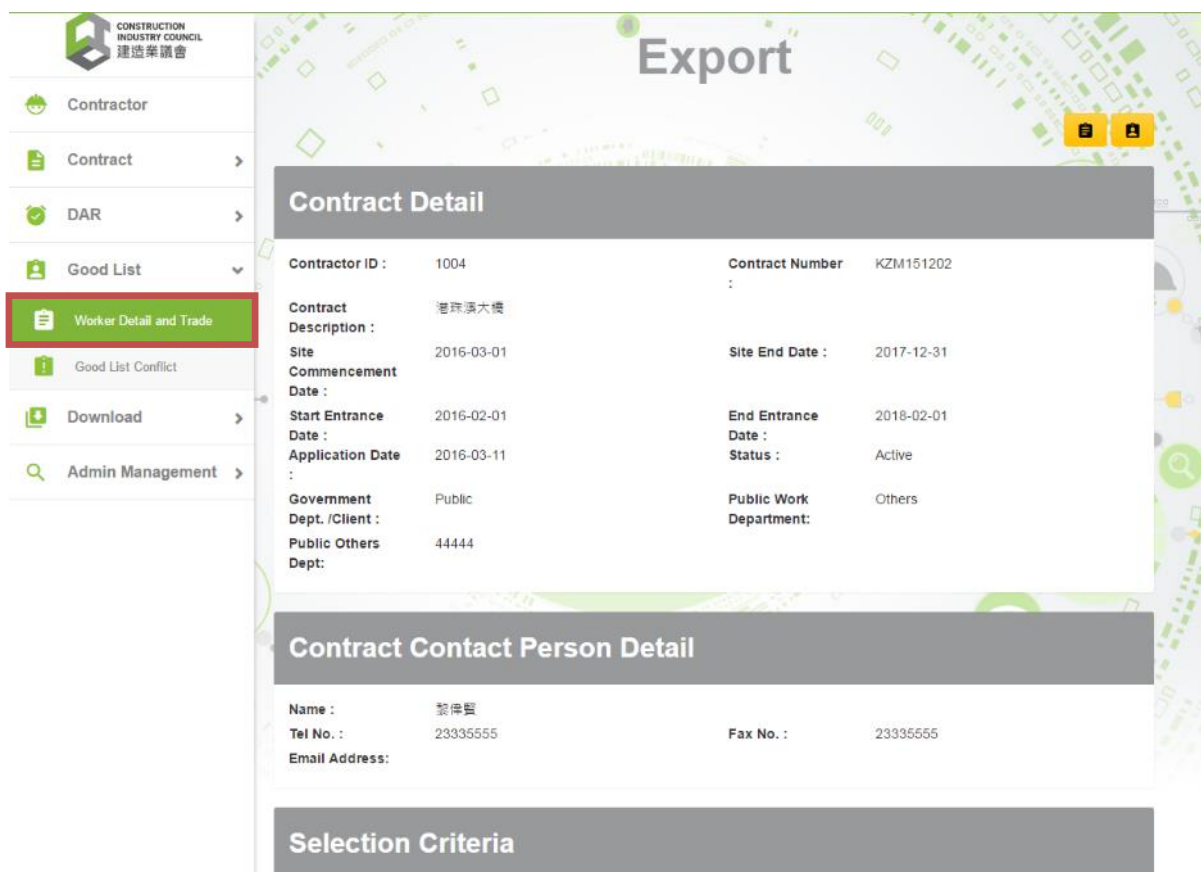


- Click  to remove the conflict record.
- Click  to update the start and end date of good list record. After update, click  to check the changes. Otherwise, click  to return the page without changes.
- Once completed the checking, click  to apply changes.
- Click  to solve other founded conflict

2.4.2. Export

2.4.2.1. Worker Detail

- Click “**Good List**” > “**Worker Detail and Trade**”.
- Select Contract and fill in the selection criteria, click  “**Worker Detail**” or  “**Worker Trade**”.



Contract Detail

Contractor ID :	1004	Contract Number :	KZM151202
Contract Description :	港珠澳大橋		
Site Commencement Date :	2016-03-01	Site End Date :	2017-12-31
Start Entrance Date :	2016-02-01	End Entrance Date :	2018-02-01
Application Date :	2016-03-11	Status :	Active
Government Dept. /Client :	Public	Public Work Department:	Others
Public Others Dept:	44444		

Contract Contact Person Detail

Name :	黎偉賢	Fax No. :	23335555
Tel No. :	23335555		
Email Address:			

Selection Criteria

- Worker Detail Export File example as below

1	2	3	4	5	6
DWB001010190	044992FABC9480	20170917090000000000	20170917	Lau King Hon	劉英漢
DWB090000000	044990FABC9480	20181001090000000000	20181001	Chan Tai Man 8	陳太文
DWB061200000	045887FABC9480	20181206000000000000	20180816	Chen Zhixian	陳志賢
DWB13011840	04595AFABC9480	20181202090000000000	20160410	Xiao Mylin	肖木金
DWB06020012	045952FABC9480	20180504000000000000	20160101	Hong Koon Yin	黃國恩
DWB06024944	044889FABC9480	20180607090000000000	20180210	Chong Shui Tung	鍾水東
DWB15009940	04488CFABC9480	20180404090000000000	20180404	Huang Huagang	黃華光
DWB12028940	044077FABC9480	20200904090000000000	20180826	Chui Shing Wan	崔成煒
DWB08038470	04446CFABC9480	20180130000000000000	20180130	Lau Sai Ling	林世蓮
DWB04044832	044790FABC9480	20180521090000000000	20171104	Lai Yuen Tung	賴遠峰
DWB13013342	042A8FFABC9480	20180422090000000000	20160422	Ku Caiying	顧彩英
DWB11009490	042D8FFABC9480	20170912090000000000	20170926	Mok Shu Hai	莫樹基
DWB13001894	044C89FABC9480	20180116090000000000	20160109	Hu Liping	胡麗萍
DWB12022347	047C81FABC9480	20200921090000000000	20180921	Ye Suni	葉雲妮
DWB13002217	041980FABC9480	20180113090000000000	20160113	Wei Liyun	魏麗雲
DWB06059832	046092FABC9480	20180916090000000000	20180916	Chan Lai Sim	陳麗霞
DWB12038829	047389FABC9480	20201015090000000000	20181004	Fu Hanbo	傅漢波
DWB10003383	043287FABC9480	20180128090000000000	20160128	Tee Dragon	謝龍威

➤ **Worker Detail** Export File Content Description:

Column	Description
1	Registration Number (CWR Number)
2	Card Serial Number
3	Registration Expiry Date, Green Card Number
4	Green Card Expiry Date
5	English name
6	Chinese Name

➤ **Worker Trade** Export File

1	2	3
CWR08018190	GREEN	20170517
CWR05000068	GREEN	20151031
CWR05000068	C428	00010101
CWR06120950	GREEN	20150814
CWR06120950	C333b	20170326
CWR13011845	GREEN	20160410
CWR06025012	C437	00010101
CWR06025012	GREEN	20161021
CWR06024944	GREEN	20180210
CWR06024944	C314	00010101
CWR15009368	GREEN	20180404
CWR12028569	GREEN	20150826



➤ **Worker Trade** Export File Content Description:

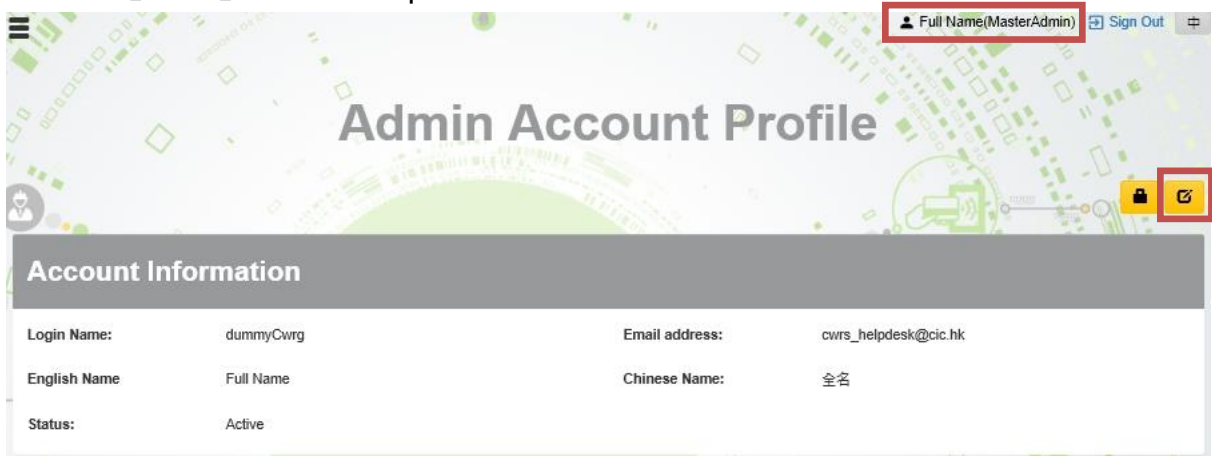
Column	Description
1	Registration Number (CWR Number)
2	Trade Code
3	Registration Expiry Date*


***Note:** "00010101" at the registration expiry date indicates that the trade code would not expire.

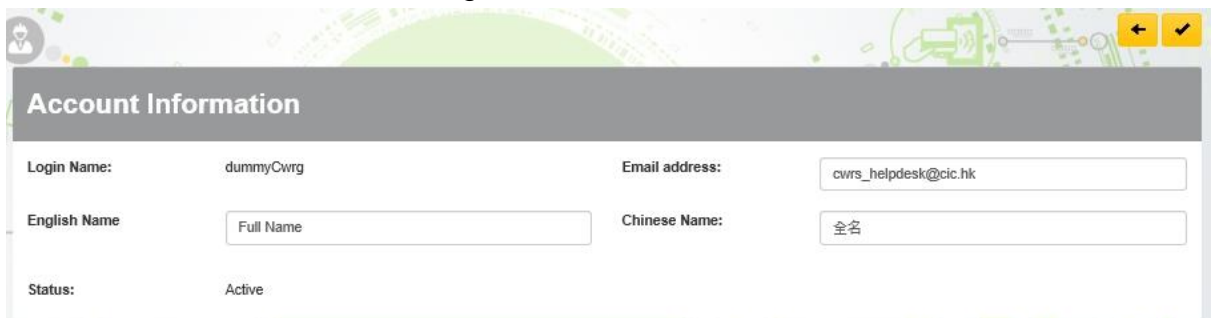
2.4.3. Change Account Details

2.4.3.1. Change Account Information


- Click “”. Account profile of the currently logged on user would be shown.
- Click **【】** to edit the profile.

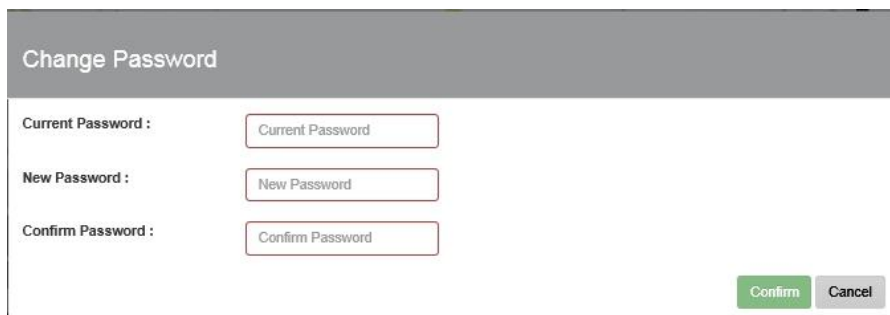


- The information which can be changed includes email address, English name, and Chinese name.
- Click **【】** to confirm changes.



2.4.3.2. Change Password

- Click **【】** to input old and new password as below



2.4.4. Download



2.4.4.1. Trade code

- Click “**Download**” > “**Trade Code**”, to download the list of trade division code.
- **Trade Code Export File**

1	2	3
C3006Drain and Pipe Layer(Master)	地漏及排水管工(金料)	SW
C3008Cement Sand Mortar Worker(Master)	泥水工(金料)	SW
C301 Waterproofing Worker(Master)	防水工(金料)	SW
C3010Metal-steel Worker(Master)	金屬鋼鐵工(金料)	SW
C3016Concrete and Grouting Worker(Master)	混凝土及灌漿工(金料)	SW
C3019Scaffolder(Master)	腳架工(金料)	SW
C301aWaterproofing Worker(Adhesive-type Felt)	防水工(黏貼型瀝青氈)	SW
C301bWaterproofing Worker(Burn-type Felt)	防水工(燒膠型瀝青氈)	SW
C301cWaterproofing Worker(Liquid Membrane)	防水工(塗膜)	SW
C302 Asphaltter(Road Construction)	瀝青工(道路建造)	SW
C3021Curtain Wall and Glass Panes Installer(Master)	幕牆及玻璃工(金料)	SW
C303 Bamboo Scaffolder	竹腳工	SW
C304 Bar Bender and Fixer	鋼筋屈攣工	SW
C305 Bricklayer	砌磚工	SW
C306 Carpenter(Fender)	木工(邊木)	SW
C307 Carpenter(Formwork) (Master)	木模板工(金料)	SW
C307aCarpenter(Formwork - Building Construction)	木模板工(樓宇工程)	SW
C307bCarpenter(Formwork - Civil Construction)	木模板工(土木工程)	SW

- **Export File Content Description:**

Column	Description
1	Trade Group Code, Trade Group Description (Eng)
2	Trade Group Description (Chi)
3	Skill Type*

*Note: “SW” under the skill type denotes Skilled Worker type.
 “SSW” under the skill type denotes Semi-Skilled Worker type.

2.4.4.2. Bad List

- Click **“Download”** > **“Full Bad List”**, to download the updated bad List.
- **Full Bad List Export File**

1	2
CWR07015166	042987FABC3480
CWR07015171	045189FABC3480
CWR07015173	042A82FABC3480
CWR07015182	04478EFABC3480
CWR07015185	045A87FABC3480
CWR07015186	042686FABC3480
CWR07015197	044A04F2BC3480
CWR07015199	044C94FABC3480
CWR07015200	043A80FABC3480
CWR07015205	046B8BFABC3480
CWR07015218	045893FABC3480
CWR07015220	043B80FABC3480

- Export File Content Description:

Column	Description
1	Registration Number (CWR Number)
2	Card Serial Number

2.4.4.3. CIC DAR Application

- Click **“Download”** > **“CIC DAR Application”** , to download the most updated CIC DAR Application for card reader.

2.4.4.4. CWRs Chinese User Manual

- Click **“Download”** > **“CWRs Chinese User Manual”** , to download the latest CWRs Chinese User Manual.

2.4.4.5. CWRs English User Manual

- Click **“Download”** > **“CWRs English User Manual”** , to download the latest CWRs English User Manual.

2.4.5. CWRG Version number

- The version number of CWRG is specified inside the bracket at the underlying statement of the Welcome page.
- For example, the version shown here is 1.609.23.1



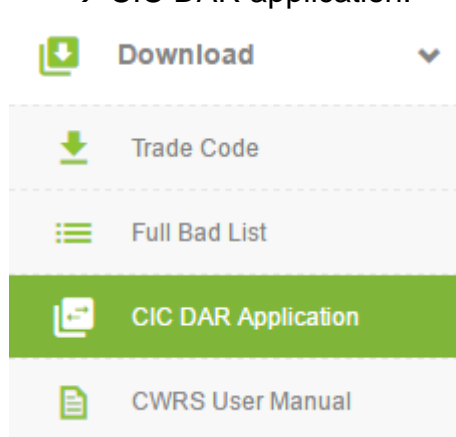
2.4.6. Personal Information Collection Statement of using CWRG

- The personal information collection statement of using CWRG is shown below. Users can assess this by clicking the Highlighted text “Privacy Statement”. If you have any concerns or comments, please feel free to contact the Registration Service of the CIC.

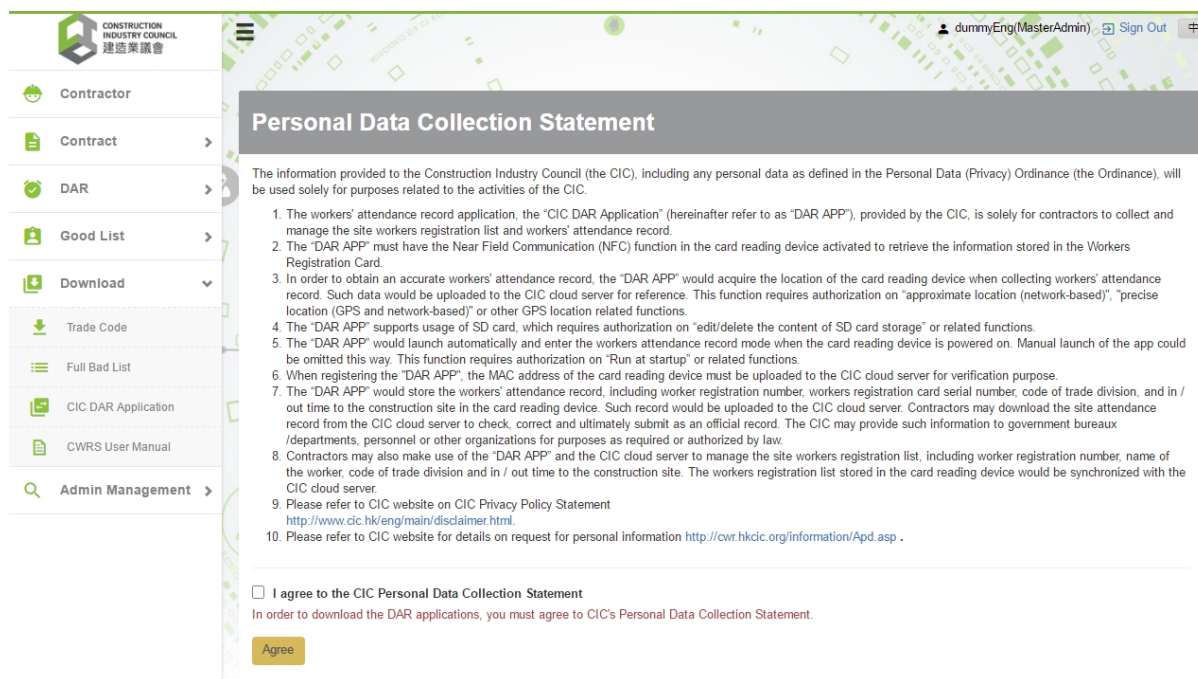


2.4.7. Personal Information Collection Statement for DAR application download

- The download of CIC DAR application can be accessed by selecting Download → CIC DAR application.



- A personal data collection statement would pop up. Users are advised to read the details and indicate agreement to the statement before application download.



2.4.8. Email notification

- A number of notifications by email are now available to facilitate the CWRG operations.

2.4.8.1. Contract application approval

- When a contract application is approved, the following personnel would receive an email.
 - Site Admin(s)

2.4.8.2. DAR submission reminder

To facilitate users in submitting DAR in time, the CWRS has equipped a configurable function under contract profile whereby users are allowed to choose for automatic email reminder.



- If the function is activated, the following personnel would receive emails on the due date of each submission cycle, if the DAR of the related period is still outstanding and not submitted.
 - Site Admin(s)
 - Site Representative
 - Company Representative

2.4.8.3. DAR submission confirmation

- An email confirmation would send to the following personnel upon DAR submission.
 - site admin(s)
 - site representative

2.4.8.4. Early contract completion application approval

- Contractors are allowed to submit application for early completion of contracts. Once approved, the following personnel would receive an email on the application approval.
 - Site Admin(s)
 - Site Representative
 - Company Representative

2.4.8.5. Lock Master Admin account after 20-times of failed login

- Master admin account would be locked after 20 consecutive times of failed login. An email would be sent to the following personnel for follow-up.
 - Company Representative

2.4.8.6. Reset password application for Master Admin Account

- If the master admin account is locked, a reset password request can be made. After verification, the following personnel should receive an email for password reset.
 - Company Representative

2.4.8.7. Non-compliance notification

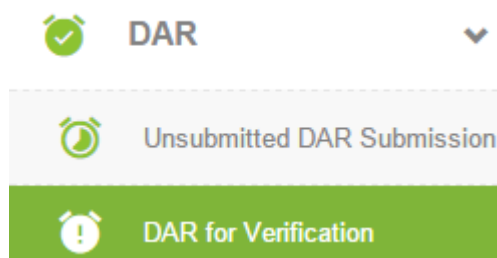
- For those contractors offending DAR Ordinance, an email notification would be sent to the following personnel:
 - Company representative
 - Company Authorized Person,
 - Contract Authorized Person,
 - Site Admin(s)
 - Site Representative

2.4.8.8. No Heartbeat Signal or Incomplete Data Transfer in Device

- If heartbeat signal was not detected or synchronize problem in registered device(s), an email notification would be sent to the following personnel:
 - Company representative
 - Site Representative
 - Site Admin(s)
- Email notification will not be sent if the contract status is 'Ended' or 'Completed', :

2.4.9. View Uploaded DAR problem

- A function at the menu bar is now available to view uploaded DAR problem.



- After the contract selection, the detailed DARs with problem would show similar to that below for follow-up.

Attendance Records for Verification

Problematic Attendances

CIC Reference No	160310004	Contract No.	KZM151201
Short Description	港珠澳大橋		
Transaction Date From	<input type="text"/>	Transaction Date To	<input type="text"/>

Attendances								
CWRNo	Practising Trade Code	In/Out Type	Transaction Time	Source Type	Serial No.	Biometric Signal	Device ID	Fail Reason
CWR15100046	GREEN	In	2016-09-14 01:34:58	Mobile	F2DD41D0	Unknown	1359	CWR No does not exist
CWR15100046	GREEN	In	2016-09-14 01:34:32	Mobile	F2DD41D0	Unknown	1359	CWR No does not exist
CWR15100046	GREEN	In	2016-09-14 01:33:41	Mobile	F2DD41D0	Unknown	1359	CWR No does not exist
CWR15100046	GREEN	In	2016-09-14 01:32:33	Mobile	F2DD41D0	Unknown	1359	CWR No does not exist
CWR15100046	GREEN	In	2016-09-14 01:32:24	Mobile	F2DD41D0	Unknown	1359	CWR No does not exist
CWR15100046	GREEN	In	2016-09-14 01:31:41	Mobile	F2DD41D0	Unknown	1359	CWR No does not exist
CWR15100046	GREEN	In	2016-09-14 01:27:59	Mobile	F2DD41D0	Unknown	1359	CWR No does not exist
CWR15100046	GREEN	In	2016-09-14 01:27:16	Mobile	F2DD41D0	Unknown	1359	CWR No does not exist
CWR15100046	GREEN	In	2016-09-14 01:23:26	Mobile	F2DD41D0	Unknown	1359	CWR No does not exist
CWR15100046	GREEN	In	2016-09-14 01:22:18	Mobile	F2DD41D0	Unknown	1359	CWR No does not exist

2.4.10. Export good list in excel format

- Users can choose to download the good list of specified contract. The function is available at the good list under the “By worker” tab page as shown below:

Good List

Contract Information

CIC Reference No :	160310004	Contract No:	KZM151201
Contract Description :	港珠澳大橋	Status :	Active
Site Commencement Date :	2016-03-01	Site End Date :	2018-12-31
Start Entrance Date :	2016-02-01	End Entrance Date :	2019-02-01
Total No. of Workers:	9		

By Device
By Worker

CWR Number.:

Chinese Name or English Name:

Practising Trade:

Start Date (yyyy-mm-dd):

End Date (yyyy-mm-dd):

2.4.11. Heartbeat

- A function at the menu bar is now available for Master and Site Admin(s) to check device heartbeat status of registered devices as shown below:

Heartbeat

Search Criteria

CIC Contract Number Contract Desc.

Contract No. Contract Status

Contract Info.

CIC Contract Number DummyKBContractNumber Contract Person Name DummyKBContractPersonName

Contact Person Phone 26847681 Contract No. DummyKBContractNumber

Contract Desc. DummyKBContractDesc

Device	Monitoring	Last Good List Upload Time	Last Good List Download Time	Last Heartbeat Signal Time
Prods	🟢	2016-01-26	2016-02-01	0001-01-01 00:00:00
LG G3Beat	🟢		2015-12-30	0001-01-01 00:00:00
159_1218	🟢		2015-12-19	0001-01-01 00:00:00
Sony Z Testing	🟢	2016-11-11	2016-11-11	0001-01-01 00:00:00

- When the heartbeat function of device is turned on, it will display green icon under 'Monitoring'.
- If there is no heartbeat signal received before 9:00 am or cannot download data in previous data synchronization, the system will send an email notification on every morning for user's attention and follow-up.

2.4.12 Device deregistration

- Apart from detaching device by DAR App, this can be done as well in CWRG\DAR Submission Detail as shown below.

DAR Submission Detail

Submission Information

Start Date:	2018-06-26	End Date:	2018-07-02	Due Date:	2018-07-04
Submission Date :		Submitted By :		Status :	Pending

Contract Information

Contractor Name (Eng):	ITD	Contractor Name (Chi):	ITD	CIC Reference No:	180410001
Contract Number:	CWRS_DemoContract_May	Contract Description:	CWRS_DemoContract_May	Site Commencement Date:	2018-04-17
Site End Date:	2019-06-30	Short Description:	1805Demo	Contact Person:	Lee
Tel No.:	21009863				

DAR Submission By Device | DAR Submission By Worker

Device Name	Device Status	26 Jun	27 Jun	28 Jun	29 Jun	30 Jun	01 Jul	02 Jul	
Demo 01	?	?	?	?	?	?	?	?	Detach device

? - Device Upload Completed
 ? - Device Upload Incomplete
 ? - Device Unknown
 ? - Inactive
 ? - Detach Date

- After clicking “Detach device” button, a message box with device’s “Good List Last Upload Date”, “DAR Last Upload Date” and “Last Heart Beat Date” will be displayed.

Detach device:

Please confirm all the DAR records in the device has been uploaded to CWRG. Otherwise, the DAR records should be manually inputted after the device is detached.

Good List Last Upload Date :2018-05-25 16:05:33
 DAR Last Upload Date :2018-05-24 16:05:20
 Last Heart Beat Date :2018-05-30 08:05:33

Confirm **Cancel**

- All DAR in the device should be uploaded before device detach. After pressing the “Confirm” button to detach device, it cannot be reversed.

3. Scenarios

3.1. Multiple site Admins, single device, multiple contracts

This scenario will demonstrate how two different admin staff manages a single device in a different construction site under different contract, below are the background details of this scenario:

Site Admin Account	Card Reading Device	Contract
ADMIN A	DEVICE X	CONTRACT-HK
ADMIN B		CONTRACT-KLN

The master admin of the company creates a login ADMIN A and assign him/her to handle the contract CONTRACT-HK. And for the contract CONTRACT-KLN, the master admin creates and assigns another login account ADMIN B to handle the DAR submission process.

Before the construction site starts working, both the site admin A&B already login DEVICE X and register the device to CONTRACT-HK and CONTRACT-KLN respectively.

The management of the company would use DEVICE X to capture CONTRACT-HK's DAR in the morning and use DEVICE X to capture CONTRACT-KLN's DAR in the afternoon. At the construction site of CONTRACT-HK located in HK ISLAND, ADMIN A logs in DEVICE X and starts capturing the DAR during the morning hour. After all the DAR of the workers has been captured and synchronized, ADMIN A logs-off the device. DEVICE X would be transferred to the construction site of CONTRACT-KLN located in Kowloon.

In the afternoon, ADMIN B logs in DEVICE X in the construction site. ADMIN B verifies that CONTRACT-KLN is selected and starts capturing the worker's DAR, at the end of the day. The entire worker's DAR are synchronized to CWRG automatically.

Procedure:

- **Step 1.** Master Admin create 2 Site Admin Account , ADMIN A & ADMIN B
- **Step 2.** Master Admin assign ADMIN A to CONTRACT-HK and assign ADMIN B to CONTRACT-KLN
- **Step 3.** Both the Site admin Register DEVICE X for the first use
- **Step 4.** ADMIN A login DEVICE X > select CONTRACT-HK > Capture DAR > Synchronization
- **Step 5.** DEVICE X has been delivered to the construction site of CONTRACT-KLN
- **Step 6.** ADMIN B login DEVICE X > select CONTRACT-KLN > Capture DAR > Synchronization

3.2. Multiple site Admins, multiple devices, single contract

This scenario demonstrates how two different admin staff manages two different devices under the single contract. Below are the background details of this scenario.

Site Admin Account	Card Reading Device	Contract
ADMIN A	DEVICE X	CONTRACT-HK
ADMIN B	DEVICE Y	CONTRACT-HK

The master admin of the company creates and assigns two site admin staff ADMIN A, and ADMIN B to handle and manage the DAR submission of CONTRACT-HK.

The company installs the access gate in both the entrance and exit of the construction site. DEVICE X and DEVICE Y are located at the entrance and exit of the site respectively.

Before the construction site starts working, ADMIN A logs in DEVICE X and registers the device to CONTRACT-HK. Meanwhile, ADMIN B logs in DEVICE Y and registers the device to CONTRACT-HK.

On the first working day, ADMIN A logs in the DAR APP on DEVICE X in order to capture worker's DAR at the entrance gate.
Similarly, ADMIN B logs in the DAR APP on DEVICE Y in order to capture worker's DAR at the exit gate.

Both DEVICE X and DEVICE Y can synchronize the data to CWRG by auto sync. or manual sync.

Procedure:

- **Step 1.** Master Admin create 2 Site Admin Account , ADMIN A & ADMIN B
- **Step 2.** Master Admin assign both admin account to CONTRACT-HK
- **Step 3.** ADMIN A register DEVICE X, and ADMIN B register DEVICE Y to the contract CONTRACT-HK
- **Step 4.** ADMIN A login DEVICE X at the entrance gate> select CONTRACT-HK > Capture DAR > Synchronization
- **Step 5.** ADMIN B login DEVICE Y at the exit gate > select CONTRACT-HK > Capture DAR > Synchronization

3.3. Multiple site Admins, single device, single contract

This scenario demonstrates how two different admin staff manages a single device in a construction site under same contract. Below are the background details of this scenario.

Site Admin Account	Card Reading Device	Contract
ADMIN A	DEVICE X	CONTRACT-HK
ADMIN B		

The master admin of the company creates and assigns two site admin staff ADMIN A, and ADMIN B to handle and manage the DAR submission of CONTRACT-HK.

On the first working day, ADMIN A login the DAR APP and registers DEVICE X under CONTRACT-HK in order to capture worker's DAR. At the end of the day, ADMIN A makes sure all the DAR(s) are synchronized to the CWRG (either by Auto Sync. Or Manual Sync.) And logoff the Device.

Unfortunately, ADMIN A decided to leave the company on the second working day and the username and password of ADMIN A has been lost. In order to continue the daily DAR capture procedure, ADMIN B login DEVICE X with his/her username and password, select CONTRACT-HK and start capturing the DAR again.

Procedure:

- **Step 1.** Master Admin create 2 Site Admin Account , ADMIN A & ADMIN B
- **Step 2.** Master Admin assign both admin account to CONTRACT-HK
- **Step 3.** ADMIN A register DEVICE X under CONTRACT-HK
- **Step 4.** On 1st Day, ADMIN A login DEVICE X > select CONTRACT-HK > Capture DAR > Synchronization > logoff
- **Step 5.** On 2nd Day, ADMIN B login DEVICE X > select CONTRACT-HK > Capture DAR > Synchronization