

Retro-commissioning (RCx) Training for RCx Practitioner (Level 1)

▶ Ir Dr Cary CHAN, JP
Executive Director, HKGBC


▶ Ir Martin WAN
RCx Trainer, HKGBC

Date: 14 & 16 Sep 2021 (Tuesday & Thursday)

Time: 6:30pm - 9:30pm

Mode of Training: Online Training (Zoom)
(Attendance will be taken)

Language: Cantonese (Supplemented with English and Chinese presentation materials)

Credits:  6 CPD hours will be automatically uploaded to participants' BEAM Pro/ BEAM Affiliate Individual Accounts.

Fee: Promotion Price Early Bird Discount (Until 16 Aug 2021)

 Individual
HK\$1,350 (Per candidate) HK\$1,200 (Per candidate)

 3-4 persons (from same company) enrol same course
HK\$1,200 (Per candidate) HK\$1,050 (Per candidate)

 5 persons or above (from same company) enrol different courses
HK\$1,050 (Per candidate) HK\$900 (Per candidate)

Pre-qualification remarks:

Participant should be a Certificate holder or above in Building Services/ Mechanical/ Heating, Ventilation & Air-conditioning/ Electrical/ Energy Engineering or equivalent

 HKGBC Secretariat
(3994 8809/3994 8862)

 rcx@hkgbc.org.hk

 <http://retro.hkgbc.org.hk/>



Register NOW!

▶ CONTENT

1. What is retro-commissioning
2. The major energy consuming building services systems and equipment
3. The major factors that may affect the efficiency of such systems and equipment
4. The major roles of operational team in the process of retro-commissioning and after the process

Include 30-minute Online Examination

Supporting Organisations:



Retro-commissioning (RCx) Training for RCx Practitioner (Level 2)

▶ CONTENT

1. Introduction

- Retro-commissioning Overview
- Operation Efficiency Overview

2. Energy Efficiency Improvement Opportunities

- Air Conditioning
- Lighting Installation
- Power Distribution
- Lift & Escalator

3. Measurement & Verification

Include 45-minute Online Examination


▶ Ir Dr Paul SAT Head of R&PE, HKGBC

Date: 8 Sep 2021 (Wednesday)

Time: 9:00am - 1:00pm (AM Session)
2:00pm - 6:00pm (PM Session)

Mode of Training: Online Training (Zoom)
(Attendance will be taken)

Language: Cantonese (Supplemented with English presentation materials)

Credits:  8 CPD hours will be automatically uploaded to participants' BEAM Pro/BEAM Affiliate Individual Accounts.

Fee:

Promotion Price	Early Bird Discount (Until 16 Aug 2021)
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Individual

HK\$4,050
(Per candidate)

HK\$3,600
(Per candidate)



3-4 persons (from same company)
enrol same course

HK\$3,600
(Per candidate)

HK\$3,150
(Per candidate)



5 persons or above (from same company)
enrol different courses

HK\$3,150
(Per candidate)

HK\$2,700
(Per candidate)

Pre-qualification remarks:

Participant should be a Degree holder or above in Building Services/ Mechanical/ Heating, Ventilation & Air-conditioning Electrical/ Energy Engineering or equivalent



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Supporting Organisations:



Retro-commissioning (RCx) Training for RCx Professional

▶ CONTENT

Module 1 - Introduction to RCx

1. RCx mechanism and involvement of various practitioners. Their roles and responsibilities
2. Steps and practices to carry out RCx process at various stages

Module 2 - Investigation

1. How to conduct site evaluation and preliminary investigation
2. Basic concept and approaches of data analytic

Module 3 - Implementation

1. Identification of ESO from the diagnosis of analytic results
2. Basic concept and approaches for implementation, measurement and verification of ESO

Module 4 - M&V

1. Relevant Measurement & Verification standards for RCx and its on site practices
2. ESO saving estimation related to M&V and reporting of RCx project

Module 5 - On-going Cx

1. Setup KPI, induce training and reviewing on-going commissioning plan


Include 60-minute Online Examination




▶ Ir Dr Paul SAT Head of R&PE, HKGBC

Time: 16 Sep 2021 (Thursday): 2:00pm - 6:00pm
17 Sep 2021 (Friday): 9:00am - 6:00pm

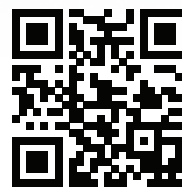
Mode of Training: Online Training (Zoom)
(Attendance will be taken)

Language: Cantonese (Supplemented with English presentation materials)

Credits:  12 CPD hours will be automatically uploaded to participants' BEAM Pro/ BEAM Affiliate Individual Accounts.

Fee:	Promotion Price	Early Bird Discount (Until 16 Aug 2021)
 Individual	HK\$7,200 (Per candidate)	HK\$6,400 (Per candidate)
 3-4 persons (from same company) enrol same course	HK\$6,400 (Per candidate)	HK\$5,600 (Per candidate)
 5 persons or above (from same company) enrol different courses	HK\$5,600 (Per candidate)	HK\$4,800 (Per candidate)


Pre-qualification remarks:
Participant should be a Full member of registered professional bodies in Building Services/ Mechanical/ Heating, Ventilation & Air-conditioning/ Electrical/ Energy Engineering or equivalent (e.g. MASHRAE, MBSOMES, MCIBSE, MHKIE, etc.)



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Supporting Organisations: