

Update on Implementation of the BEEO





Update on Full Operation of BEEO (As in October 2015)



Certificate of Compliance Registration (COCR)	 Stage one declaration (S1) received about 850 Stage two declaration (S2) received about 80 			
Form of Compliance (FOC)	• FOC for MRW received : about 3,700			
Energy Audit (EA) Form	• EA form received : about 2,100			
Registered Energy Assessor (REA)	REA registered : about 860			
Mary Laboratory				

Certificate of Compliance Registration (COCR)

Applicability – 13 types prescribed buildings in Schedule 1 (a) S1 Declaration

- within 2 months after consent date of commencement of superstructure works
- Prescribed BSIs will comply with the BEC Code
- (b) S2 Declaration
 - within 4 months after OP date
 - Prescribed BSIs have been complied with the BEC
 Code of not lower than the edition in S1



Certificate of Compliance Registration



EMSD's enforcement actions on submission of S1 Declaration

- Information from BD
- Advisory letter

RECOMMENDATION: REA to remind developer to follow the statutory requirements for submissions of S1 & S2 Declaration

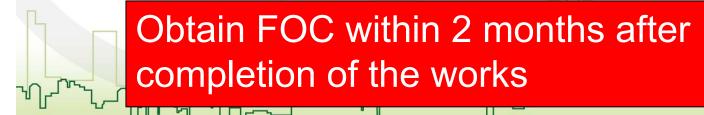






Applicability – 13 types prescribed buildings in Schedule 1

- (a) Based on works areas
 - Works area ≥ 500m²
 - Prescribed building services installation
- (b) Based on installation
 - Prescribed central building services installation









Progress of obtaining FOC

	2012 (from Sep)	2013	2014	2015 (as of Nov)
No. of FOC submission	~100	~900	~1700	~1000

Average no. of FOC submission per year is about 1230 (yr 2012 excluded).

Relatively low compliance rate







EMSD's enforcement actions on low compliance rate of FOC

- Liaise with government departments (LCSD, FEHD) for information of MRW
- Publicity visit and survey
- Improvement Notice (IN) has been issued for noncompliance case



RECOMMENDATION:

REA to jointly promulgate the statutory requirements for Major Retrofitting Work



Energy Audit (EA)



Schedule of 1st EA (bldg. w/o COCR)

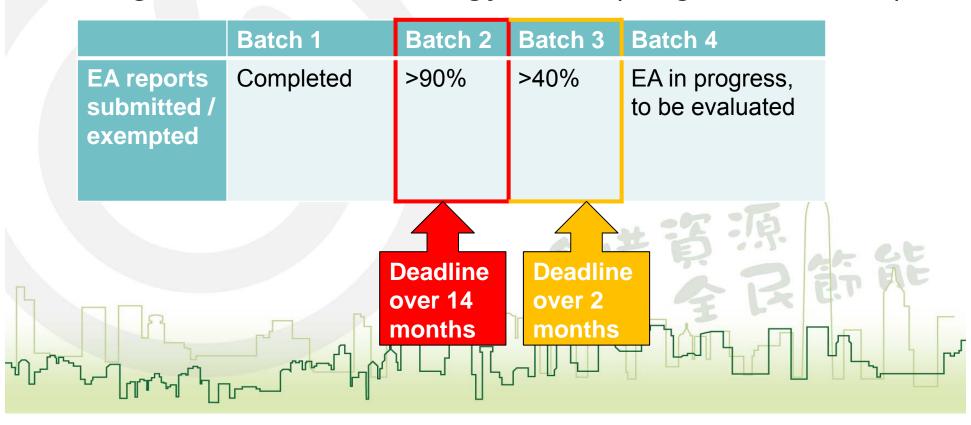
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		Batch 1	Batch 2	Batch 3	Batch 4	
	Date of OP of Buildings	on or after 1988	Between 1978 and 1987	Between 1970 and 1977		eadline coming
ß	Deadline to carry out energy audit	20.9.2013	20.9.2014	20.9.2015	20.9.2016	
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Progress of the 1st Energy Audit (bldg. w/o COCR)







EMSD's follow-up actions against contravention

- Improvement Notice
- Prosecution actions

RECOMMENDATION:

REA to (a) complete the 2nd and 3rd EA on hand ASAP; (b) actively consider to approach the building owners/ IO for those buildings not cause energy audit to be carried out.



Registered Energy Assessor (REA)



- No. of REAs: 860 nos.
- No. of active REAs: about 300 nos.

% of active REAs is less than 35%

► Very low participation rate in handling statutory submissions of the BEEO



Registered Energy Assessor (REA)



Recommendation and Way Forward

- Remind the inactive REAs (your colleagues/friends) the responsibility of REAs and encourage their participation
- EMSD actively consider to disclose the number of COCR/FOC/EA cases involved
- Step up the disciplinary action towards poor performance of REA
- Consider to further tighten the assessment on REA application



Summary of Prosecution Action Taken

No. of Improvement Notice (IN) issued relating to EA, FOC, S1 & 2 declarations	114
No. of prosecution for failing to conduct Energy Audit	5
Fine for each prosecution case	\$2,000 - \$21,000

EMSD will progressively proceed enforcement actions towards developer / building owners / REA who contravene the BEEO's requirements



Sampling Inspection



Purpose

Through site check, to ascertain compliance with the BEC requirements in submissions of S2 Declaration, FOC & EA

The number of sampling inspection will be increased progressively to ascertain the standards

Enforcement action including disciplinary and prosecution will be initiated if necessary



Sampling Inspection

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Irregularities

Case 1

	Type of submission	S2 Declaration	
	Type of Building	Educational	
	Works	A/C & electrical installation works	
П	Non-compliance	 Certified in submission that there is chiller installation, but not found on site. Certified in submission that there is harmonic current correction device or connection point for circuit above 400A, but not found on site. 	SE SE
	EMSD's follow-up	Issue IN to developer for rectification.	
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Sampling Inspection

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Irregularities

Case 2

	Type of submission	FOC	
	Type of Premises	Supermarket	
	Works	A/C installation works	
	Non-compliance	Installed motors of AHUs of rated efficiency not comply with the minimum nominal full—load motor efficiency specified in Table 7.5.1 of the BEC 2012	
10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	EMSD's follow-up	Issue IN to RP for replacement of the motors of the AHUs	THE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLU





Thank you

