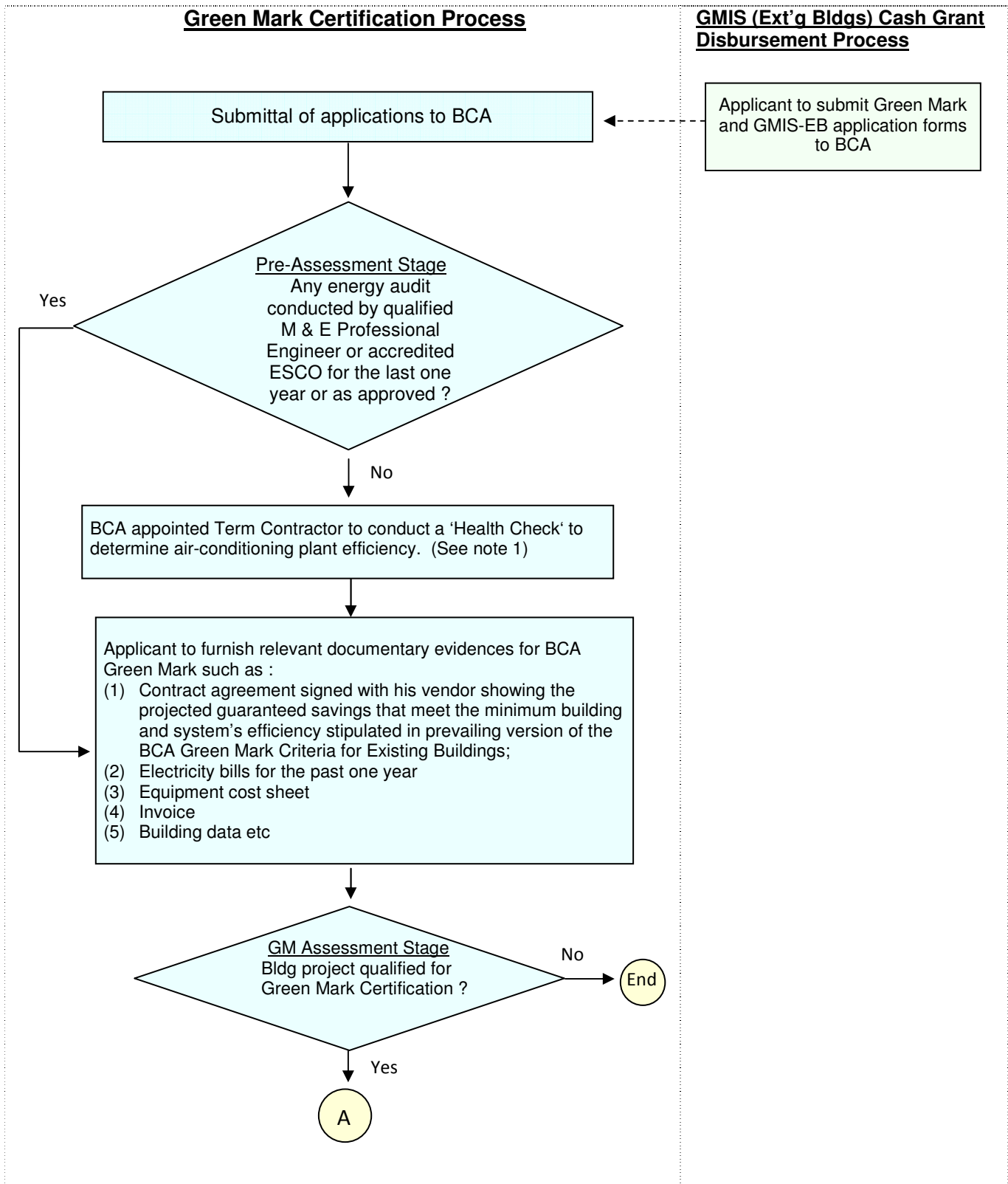
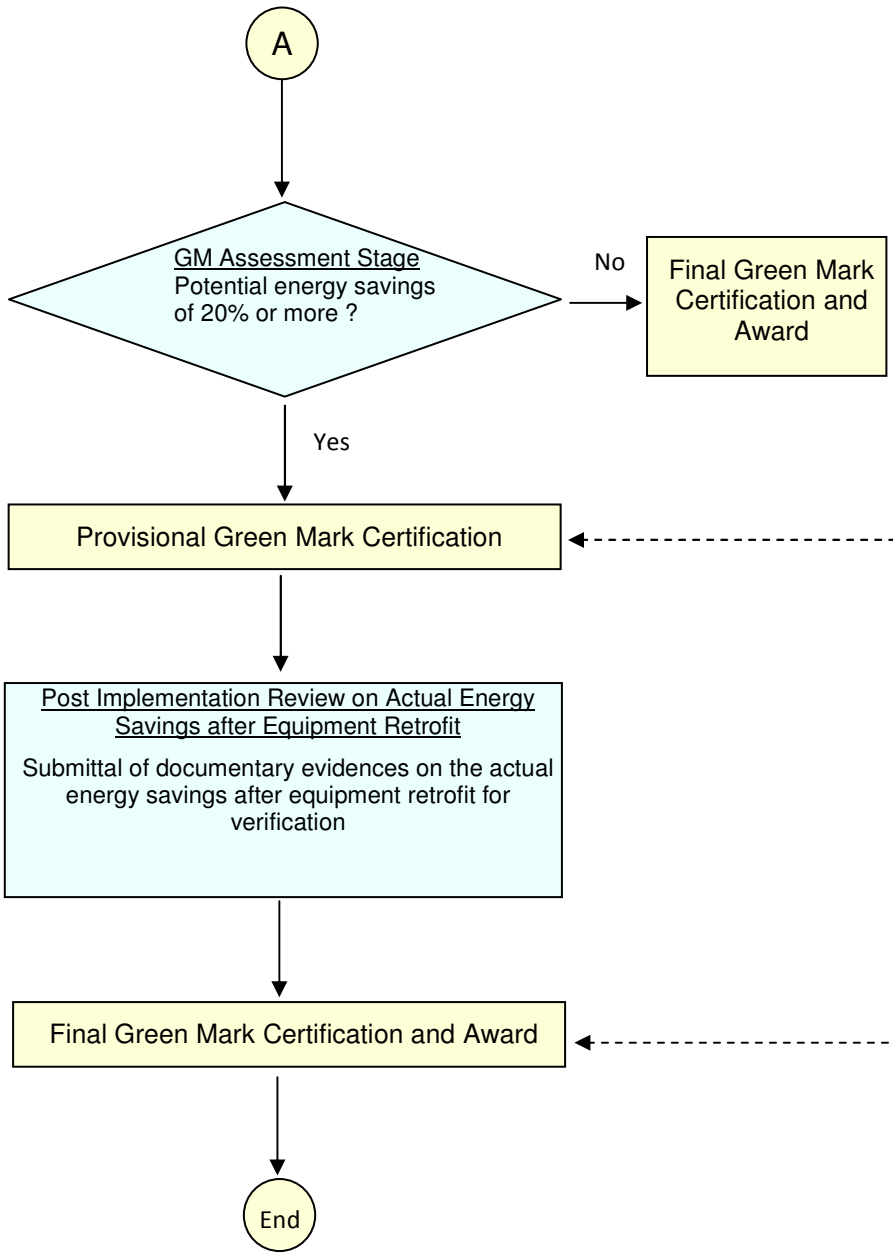


Figure 1 - Green Mark Certification and GMIS-EB Cash Grant Disbursement Process



Green Mark Certification Process



GMIS (Ext'g Bldgs) Cash Grant Disbursement Process

First 50% Disbursement of Grant after equipment retrofit completed
 Amount will be based on 50% of the next lower tier of co-funding incentive or its corresponding cap, whichever is lower (see illustration).

Final Disbursement of Remaining Grant
 Final amount will be based on the first disbursement quantum, the Green Mark Rating achieved and the actual energy savings verified subject to the corresponding cap as stipulated in the qualifying criteria (see illustration).

Note :

(1) The 'Health Check' is meant to determine only the air-conditioning plant efficiency and performance of the building. BCA will co-fund 50% of the cost for conducting the 'Health Check' by appointed BCA term contractor. The remaining 50% will be borne by building owners/developer. Applicant may engage their own qualified M & E Professional Engineer or ESCO to conduct the Health Check but the co-funding of 50% will be based on the BCA term contractor's rate.

ILLUSTRATION :

Building owner of an existing office building with GFA > 2000 m² applies for Green Mark Certification and the GMIS-EB incentive for the energy improvement retrofits.

Cost of the energy improvement retrofits for the building is \$ 1,000,000
(Equipment from the approved listing in Annex B)

Upon completion of Green Mark assessment and installation of all equipment

Assume that the building can meet the Green Mark Gold^{PLUS} standard with a potential energy savings of 30% over its baseline standard. BCA will issue provisional Green Mark certification at this stage.

First disbursement of cash grant will be based on 50% of the next lower tier of co-funding incentive or its corresponding cap, whichever is lower. That is

$$\begin{aligned}\text{First Disbursement of Cash Grant} &= 50\% \times \text{Co-fund rate of next lower tier} \times \text{Cost of energy improvement retrofits} \\ &= 0.5 \times \$ 1000,000 \times 0.2 = \$ 100,000 \text{ (Capped at } \$ 150,000\text{)}\end{aligned}$$

Upon completion of post implementation review on actual energy savings after retrofit

Assume that the actual energy savings after equipment retrofits of 30% are verified and can be realised and the building performance meets the Green Mark Gold^{PLUS} standard. BCA will issue the final Green Mark certification.

Total cash grant eligible will be based on the GM rating and percentage of energy savings as shown in Table 1.

In this instance,

Total Cash Grant based on GM Gold ^{PLUS} (with 30% saving)	= Co-fund rate for qualifying criteria x Cost of energy improvement retrofits
	= 0.3 x \$ 1000,000
	= \$ 300,000

Therefore,

$$\begin{aligned}\text{Remaining amount of total cash grant to be disbursed} &= \text{Total Cash Grant} - \text{First Disbursement of Cash Grant} \\ &= \$ 300,000 - \$ 100,000 \\ &= \$ 200,000\end{aligned}$$