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This is to confirm that the student has made amendments as directed and allowed to compile his dissertation

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Title Maintenance of External Building

Fagade (Comparison Between Rope Access and Gondola Usage)

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Date

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1.0 INTRODUCTION

1.1 Preliminaries

All things need a care and maintenance including our buildings. A building without care and maintenance will increase an operational and maintenance cost. A building maintenance will control a building cost for a long period, to prolong the building life and to make sure all the systems and building operational will be in a good conditions. A building maintenance industry is quite new in Malaysia. The benefits of maintenance are becoming ever more widely accepted for our construction and engineering sectors. It had been privatise by a government to a specialist in maintenance. Building maintenance helps building owner a IoOfis better to do maintenance than repair it.

When maintaining a building, maintenance concept, instruction and type of repair works shall be describe clearly before a maintenance works is conducted. These factors will help to increase quality of maintenance works and the building will maintained well.¹

¹ Ivor H. Seeley. Building Maintenance. The Macmillan Press Ltd. Pg 2

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MAINTENANCE OF EXTERNAL BUILDING FACADE (COMPARISON BETWEEN ROPE ACCESS AND GONDOLA USAGE)

A maintenance basis is strategies to perform building maintenance. It should consider maintenance cost to maintain a building, to preserve the value of property and to avoid building owner from breaching the legal regulations.²

1.2 Issue

- To find an effective ways in maintaining an external building facade.
- ii. The advantages and disadvantages of rope access and gondola usage.
- iii. To find the most economic method for an external building facade maintenance. Access provision can be a significant proportion of any project's cost. Therefore, which method offers client's significant savings?
- iv. Which methods are quick to install and dismantle?

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² British Standard 3811