Alpha
Consulting Engineers Pte Ltd
2 ALEXANDRA ROAD, #03-03 DELTA HOUSE, SINGAPORE 159919
TEL: (65) 6276 2228 FAX: (65) 6276 9929 E-MAIL: ace@alpha.com.sg
WEBSITE: www.alpha.com.sg COMPANY REGN NO. 199407965N

Our Ref: OM-LC/018

3 September 2009

MEMORANDUM

To: All Engineering Staff

From: Loh Fook Yuen

SINGAPORE STANDARD SS 531 : PART 3 : 2008 CODE OF PRACTICE FOR LIGHTING OF WORK PLACES (PART 3: LIGHTING REQUIREMENTS FOR SAFETY AND SECURITY OF OUTDOOR WORK PLACES)

Please be informed that we have purchased a copy of the Singapore Standards SS 531 : Part 3 : 2008 Code Of Practice For Lighting Of Work Places (Part 3: Lighting Requirements For Safety And Security Of Outdoor Work Places) and is uploaded in the Intranet for reference by the Staff.

A copy of the Code Of Practice can be viewed at http://intranet.alpha.com.sg/library/Code_of_Practice/SS531-Part3.pdf

LOH FOOK YUEN

cc TLS/LCT/CCG/GSH
cc Memo File

/my

BCA ISO 14000 CERT. NO.: 2008/134 SS ISO 14001 : 2004
BCA ISO 9000 CERT. NO.: 324 SS ISO 9001 : 2000
SAC ACCREDITED CERTIFICATION BODY Cert No: QS-1097-02 Member of the IAF MLA for QMS

FOREWORD

Standards produced by the Commission Internationale de l'Eclairage (CIE) are a concise documentation of data defining aspects of light and lighting, for which international harmony requires such unique definition. CIE Standards are therefore a primary source of internationally accepted and agreed data, which can be taken, essentially unaltered, into universal standard systems.

This document CIE S 016/E:2005 has been prepared by CIE Division 5 and should be read in conjunction with CIE S 015/E:2005.

TABLE OF CONTENTS

FOREWORD III

INTRODUCTION 1

1. SCOPE 1

2. NORMATIVE REFERENCES 1

3. TERMS AND DEFINITIONS 1

4. LIGHTING REQUIREMENTS FOR SAFETY AND SECURITY 2

5. VERIFICATION PROCEDURES 3
   5.1 Illuminance 3
   5.2 Glare rating 3
   5.3 Colour rendering index 3

ANNEX A (NORMATIVE): LIGHTING DESIGN CRITERIA 4
   A.1 Glare Rating 4
   A.2 Colour rendering 4

BIBLIOGRAPHY 5