

Our Ref : BCA BC 15.0.3

Building Engineering Division (#05-00)

Fax : 6325 7482

DID : 6325 4321

E-mail : thanabal_kaliannan@bca.gov.sg

26 Nov 2007

See Distribution

Dear Sir

USE OF STRUCTURAL STEEL AND HIGH STRENGTH CONCRETE

In order to enhance the resilience of our building and construction industry, BCA is continually sourcing for solutions to reduce our high dependence on sand and granite. The two areas which we had been working on are the use of alternative structural steel from varied sources which are manufactured to various international specifications and the use of high strength concrete (greater than Grade 60).

2 We have completed draft guidelines on "Design Guide on Use of Alternative Steel Materials to BS5950" and "Design Guide on High Strength Concrete to SS CP65". A copy of these draft guidelines can be downloaded from our website at :-

http://www.bca.gov.sg/others/draft_StructuralSteel_DesignGuide.pdf

http://www.bca.gov.sg/others/draft_HighStrengthConcrete_DesignGuide.pdf

3 We would like to invite comments from you before we finalise and issue them. Please forward your comments to Mr Patrick Choy at email: patrick_choy@bca.gov.sg before 26 Dec 2007.

4 If you need clarifications, you could contact Mr Patrick Choy at Tel: 63255019 or Mr Thung Sek Kwang at Tel: 63257496.

Thank you.

Yours faithfully



K THANABAL
Deputy Director
BUILDING ENGINEERING DIVISION
for COMMISSIONER OF BUILDING CONTROL

DISTRIBUTION (via e-mail):

President
Institution of Engineers, Singapore (IES)
70, Bukit Tinggi Road
Singapore 289758
iesnet@singnet.com.sg

President
Association of Consulting Engineers, Singapore (ACES)
70, Palmer Road, #04-06
Palmer House
Singapore 079427
acesing@starhub.net.sg

President
Real Estate Developers' Association of Singapore (REDAS)
190 Clemenceau Avenue
#07-01 Singapore Shopping Centre
Singapore 239924
enquiry@redas.com

President
Singapore Contractors Association Limited (SCAL)
Construction House
1 Bukit Merah Lane 2
Singapore 159760
enquiry@scal.com.sg

President
Singapore Institute of Architects (SIA)
79 Neil Road
Singapore 088904
info@sia.org.sg

President
Society of Project Managers (SPM)
Macpherson Road P.O.Box 1083
Singapore 913412
sprojm@yahoo.com

President
Singapore Institute of Building Limited (SIBL)
70 Palmer Road,
#03-09C Palmer House
Singapore 079427
josephine@sib.com.sg

President
Singapore Institute of Surveyors & Valuers (SISV)
20 Maxwell Road #10-09B
Maxwell House Singapore 069113
sisv.info@sisv.org.sg

President
Singapore Structural Steel Society (SSSS)
232a River Valley Road
Singapore 238290
avconsul@pacific.net.sg

President
Professional Engineers Board, Singapore (PEB)
1st Storey, Tower Block, MND Complex,
5 Maxwell Road
Singapore 069110
registrar@peb.gov.sg

President
Board of Architects (BOA)
5 Maxwell Road
1st Storey Tower Block, MND Complex,
Singapore 069110
boarch@singnet.com.sg

Director
Protective Infrastructure & Estate
Defence Science & Technology Agency
1 Depot Road #03-01j
Singapore 109679
lcheehio@dsta.gov.sg

Deputy Director
Project Development & Maintenance Branch
Ministry Of Education
1 North Buona Vista Drive
Office Tower Level 9
Singapore 138675
eng_wee_tong@moe.gov.sg

Director
Best Sourcing Department
Public Utilities Board
40 Scotts Road #18-01
Environment Building
Singapore 228231
moh_wung_hee@pub.gov.sg

Deputy Chief Executive
Infrastructure & Development
Land Transport Authority
1 Hampshire Road
Block 8 Level 1
Singapore 219428
bok_ngam_lim@lta.gov.sg

Deputy Director
Technology Development Section
Housing & Development Board
HDB Hub
480 Lorong 6 Toa Payoh
Singapore 310480
ckc3@hdb.gov.sg

Director
Engineering Planning Group
JTC Corporation
The JTC Summit
8 Jurong Town Hall Road
Singapore 609434
giokhua@jtc.gov.sg

Director
Building
People's Association
9 Stadium Link
Singapore 397750
foo_soon_leng@pa.gov.sg

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