

Our ref: APPBCA-2018-07

1 October 2018

For enquiries, please contact:
Building Engineering Group (#12-01)
Tel : 1800-3425 222
E-mail: bca_enquiry@bca.gov.sg

See Distribution List

Dear Sir / Madam

IMPLEMENTATION OF ACCREDITATION REQUIREMENTS FOR SITE INVESTIGATION (SI) WORK

Objective

This circular is to remind the industry about the implementation of accreditation requirements for site investigation works. This new requirement will come into operation and will apply to any site investigation works that starts on or after 31 December 2018. Non-compliance with this requirement is an offence. Please see Annex A for an extract of the new requirement on site investigation works (Regulation 31(2) of the Building Control Regulations).

Background

2. Whenever any site investigation is to be carried out under regulation 31, the Qualified Person (QP) appointed under section 8(1)(a) or 11(1)(d)(i) of the Act is required to carry out the site investigation properly and adequately in accordance with the relevant standards, codes of practice and the requirement as prescribed in EN 22475-2 and EN 22475-3. The Regulations have now been amended to require the QP to ensure that all site investigation works are carried out by an accredited inspection body approved by the Singapore Accreditation Council (SAC) under the Council's scheme for Inspection Bodies for Site Investigation.

SAC has launched the Accreditation of Inspection Bodies for Site Investigation Scheme on 10 May 2012. In our circular dated 1st October 2012, the industry was informed and encouraged to join the SAC Scheme.

3. The SAC Scheme will help to validate the quality management system of site investigation inspection bodies and raise their technical competencies, hence enhancing safety and quality. This will also align with Eurocode requirements for competency and conformity assessment by third party accreditation on enterprises and personnel involved in SI works.

Accreditation Requirement for Site Investigation Work

4. As informed in our earlier circular dated 14 December 2017, the regulations have been amended to require the QP to ensure that all site investigation works are carried out by an accredited inspection body approved by the SAC under the Council's scheme for Accreditation of Inspection Bodies for Site Investigation. To-date, 17 companies have been accredited. This new requirement will come into operation and will apply to any site investigation works that starts on or after 31 December 2018.

5. For details of the SAC Scheme, you may refer to <http://www.sac-accreditation.gov.sg/documents.asp>. If you need any further clarifications on this matter, please submit your enquiry through BCA's Online Feedback Form at <https://www.bca.gov.sg/feedbackform/> or call us at 1800 3425222.



DR POH TEOH YAW
DIRECTOR, BUILDING ENGINEERING GROUP
for COMMISSIONER OF BUILDING CONTROL

Annex A - Extract of the new requirement on site investigation works (Regulation 31 of the Building Control Regulations)

Site investigation

31.—(1) Where foundation, tunnels, site formation (including excavations) or related earthworks are proposed to be constructed or carried out on any premises, an investigation of the site shall be undertaken by the qualified person appointed under section 8(1)(a) or 11(1)(d)(i) of the Act in respect of the structural elements of the relevant building works in order to establish the type and character of the ground and groundwater conditions on which the foundations, tunnels, site formation (including excavations) or earthworks are to be constructed or carried out.

(2) Whenever any site investigation is to be carried out, the qualified person appointed under section 8(1)(a) or 11(1)(d)(i) of the Act shall carry out proper and adequate site investigation —

- (a) in accordance with the relevant standards and codes of practice;**
- (b) by conducting adequate investigation boreholes and other appropriate investigation means, in-situ field tests and laboratory tests to establish the ground and groundwater conditions, their variability and the geotechnical aspects for the works to be carried out; and**
- (c) by ensuring that all site investigation works are carried out by an accredited inspection body approved by the Singapore Accreditation Council under the Council's scheme for Accreditation of Inspection Bodies for Site Investigation.**

(3) Whenever any site investigation is to be carried out in respect of the building works, the qualified person appointed under section 8(1)(a) or 11(1)(d)(i) of the Act shall submit the site investigation reports to the Commissioner of Building Control and in accordance with paragraph (4).

(4) All site investigation reports shall contain field and laboratory data, and tests and results, and shall be accompanied by a certificate from an appropriate professional engineer who, having carried out, supervised or directed the site investigation, certifies that he has verified the accuracy of the information given in the site investigation report.

Penalty

50. Any person who contravenes regulation 24A, 25, 26, 29(1) or (2), 30(1), (2), (3), (4), (5) or (6), 31(1), (2) or (3), 32, 33(1) or (2), 34, 34A, 35(1) or (2), 36(1) or (2), 37, 38(1) or (3), 38A(1), 38B(1), 40(1) or (2), 44, 45(1) or 46 shall be guilty of an offence and shall be liable on conviction to a fine not exceeding \$20,000 or to imprisonment for a term not exceeding 12 months or to both.

DISTRIBUTION LIST

ASSOCIATIONS / SOCIETIES

PRESIDENT
INSTITUTION OF ENGINEERS, SINGAPORE (IES)
70, BUKIT TINGGI ROAD
SINGAPORE 289758
ies@iesnet.org.sg

PRESIDENT
ASSOCIATION OF CONSULTING ENGINEERS, SINGAPORE (ACES)
18 SIN MING LANE
#06-01 MIDVIEW CITY
SINGAPORE 573960
secretariat@aces.org.sg

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@sibl.com.sg

PRESIDENT
REAL ESTATE DEVELOPERS' ASSOCIATION OF SINGAPORE (REDAS)
190 CLEMENCEAU AVENUE
#07-01 SINGAPORE SHOPPING CENTRE
SINGAPORE 239924
enquiry@redas.com

PRESIDENT
SINGAPORE INSTITUTE OF SURVEYORS & VALUERS (SISV)
110 MIDDLE ROAD #09-00
CHIAT HONG BUILDING
SINGAPORE 188968
sisv.info@sisv.org.sg

PRESIDENT
SINGAPORE STRUCTURAL STEEL SOCIETY (SSSS)
1 LIANG SEAH STREET
#02-11/12 LIANG SEAH PLACE
SINGAPORE 189022
secretariat@ssss.org.sg

PRESIDENT
GEOTECHNICAL SOCIETY OF SINGAPORE (GEOSS)
C/O CMA INTERNATIONAL CONSULTANTS PTE LTD
1 LIANG SEAH STREET
#02-11 LIANG SEAH PLACE
SINGAPORE 189022
GEOSS@NUS.EDU.SG

PRESIDENT
PROFESSIONAL ENGINEERS BOARD, SINGAPORE (PEB)
52 JURONG GATEWAY ROAD, #07-03
SINGAPORE 608550
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
oyewhing@dsta.gov.sg

DIRECTOR OF INFRASTRUCTURE
INFRASTRUCTURE & FACILITY SERVICES DIVISION
MINISTRY OF EDUCATION
285 GHIM MOH ROAD
SINGAPORE 279622
eng_wee_tong@moe.gov.sg

DIRECTOR
BEST SOURCING DEPARTMENT
PUBLIC UTILITIES BOARD
40 SCOTTS ROAD #18-01
ENVIRONMENT BUILDING
SINGAPORE 228231
[koh boon aik@pub.gov.sg](mailto:koh_boon_aik@pub.gov.sg)
[lim kim tee@pub.gov.sg](mailto:lim_kim_tee@pub.gov.sg)

DEPUTY CHIEF EXECUTIVE
INFRASTRUCTURE & DEVELOPMENT
LAND TRANSPORT AUTHORITY
1 HAMPSHIRE ROAD
BLOCK 8 LEVEL 1
SINGAPORE 219428
[chong kheng chua@lta.gov.sg](mailto:chong_kheng_chua@lta.gov.sg)

DEPUTY DIRECTOR
PROJECT DEVT & MGT SECT 1 (C&S)
BUILDING QUALITY GROUP
HOUSING & DEVELOPMENT BOARD
HDB HUB
480 LORONG 6 TOA PAYOH
SINGAPORE 310480
[low kiang heng@hdb.gov.sg](mailto:low_kiang_heng@hdb.gov.sg)

DIRECTOR
TECHNICAL SERVICES DIVISION
JTC CORPORATION
THE JTC SUMMIT
8 JURONG TOWN HALL ROAD
SINGAPORE 609434
[KOH Chwee@jtc.gov.sg](mailto:KOH_Chwee@jtc.gov.sg)

DIRECTOR
BUILDING
PEOPLE'S ASSOCIATION
9 STADIUM LINK
SINGAPORE 397750
[foo soon leng@pa.gov.sg](mailto:foo_soon_leng@pa.gov.sg)

PRESIDENT
THE TUNNELLING AND UNDERGROUND
CONSTRUCTION SOCIETY SINGAPORE (TUCSS)
C/O CMA INTERNATIONAL CONSULTANTS PTE LTD
1 LIANG SEAH STREET
#02-12 LIANG SEAH PLACE
SINGAPORE 189022
info@tucss.org.sg

PRESIDENT
SOCIETY OF ROCK MECHANICS AND ENGINEERING GEOLOGY
1 LIANG SEAH STREET
#02-12 LIANG SEAH PLACE
SINGAPORE 189022
srmeg@cma.sg

DEPUTY CHIEF EXECUTIVE OFFICER
SENTOSA DEVELOPMENT CORPORATION
33 ALLANBROOKE ROAD, SENTOSA
SINGAPORE 099981
agencies_circulars@sentosa.com.sg

HEAD (FIRE SAFETY AND BUILDING CONTROL)
BUILDING AND INFRASTRUCTURE
DEFENCE SCIENCE & TECHNOLOGY AGENCY
1 DEPOT ROAD
DEFENCE TECHNOLOGY TOWER A
SINGAPORE 109679
HOW AH MENG
EMAIL: HAHMENG@DSTA.GOV.SG

MANAGER (ARCHITECTURAL PLANS)
BUILDING AND INFRASTRUCTURE
DEFENCE SCIENCE & TECHNOLOGY AGENCY
1 DEPOT ROAD
DEFENCE TECHNOLOGY TOWER A
SINGAPORE 109679
SEBASTIAN LIM HAI KONG
EMAIL: LHAIKONG@DSTA.GOV.SG

ALL CORENET E-INFO SUBSCRIBERS