

SPECIFIC REGISTRATION REQUIREMENTS FOR CONSTRUCTION WORKHEAD (CW)

| Workhead | Title | Description |
|----------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CW01 | General Building | <p>(a) All types of building works in connection with any structure, being built or to be built, for the support, shelter and enclosure of persons, animals, chattels or movable property of any kind, requiring in its construction the use of more than two unrelated building trades and crafts. Such structure includes the construction of multi-storey car-parks, buildings for parks and playgrounds and other recreational works, industrial plants, and utility plants.</p> <p>(b) Addition and alteration works on buildings involving structural changes.</p> <p>(c) Installation of roofs. Firms which undertake waterproofing work should register under CR13.</p> |
| CW02 | Civil Engineering | <p>(a) Works involving concrete, masonry and steel in bridges, sewers, culverts, reservoirs, retaining walls, canals, drainage systems, underground structures, cutting and filling of embankment, river banks, excavation of deep trenches, scraping of sub-soil, surface drainage works, flexible pavement, rigid pavement or laterite roads, bus bays, open car-parks and related works such as kerbs and footways. Firms which undertake piling works, ground support and stabilization works or site investigation works should register under CR08, CR12 and CR15 respectively.</p> <p>(b) Works involving dredging in canal, river and offshore for the purpose of deepening and extraction of mineral or construction material. It also includes reclamation works.</p> <p>(c) Works involving marine piling and the construction of marine structures such as jetties, wharves, sea and river walls. The head does not cover the construction and fabrication of marine crafts, pontoons and oilrigs or any floating platform.</p> |

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**TABLE B1
REGISTRATION REQUIREMENTS**

| Grade (Note 12) | Financial (Notes 1–2) | Track Record (Past 3 years) (Notes 3–6) | | Personnel (Notes 7–9) | Management & Development (notes 10-11) | Additional Requirements (Note 13) |
|--------------------|--------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------|
| | | CW01 | CW02 | | | |
| A1 | \$15m | \$150.0m of which * \$75.0m PS * \$112.5m MC * \$37.5m SP | \$150.0m of which * \$75.0m PS * \$75.0m MC * \$37.5m SP | 24RP/P/T of which * min 8RP * 1 SDCP/CCPP * Annual CET declaration | ISO45001 / BizSAFE Star GGBS | General Builder Licence - Class 1 (GB1) |
| A2 | \$6.5m | \$65.0m of which * \$32.5m PS * \$48.75m MC * \$16.25m SP | \$65.0m of which * \$32.5m PS * \$32.5m MC * \$16.25m SP | 12RP/P/T of which * min 4RP * 1 SDCP/CCPP * Annual CET declaration | | |
| B1 | \$3m | \$30m of which * \$22.5m MC * \$7.5m SP | \$30m of which * \$15m MC * \$7.5m SP | 6RP/P/T of which * min 2RP * 1 SDCP/CCPP | ISO45001 / BizSAFE Star | |
| B2 | \$1m | \$10m of which * \$7.5m MC * \$2.5m SP | \$10m of which * \$5m MC * \$2.5m SP | 3RP/P/T of which * min 1RP * 1 ACCP/SDCP/CCPP | GGBS | |
| C1 | \$300,000 | \$3.0m | \$3.0m | 1RP/P + 1T of which * 1 BCCPE | BizSAFE Level 3/ ISO45001 | General Builder Licence Class 2 (GB2) |
| C2 | \$100,000 | \$1.0m | \$1.0m | 1RP/P or 2T of which * 1 BCCPE | | |
| C3 | \$25,000 | \$100,000 | \$100,000 | 1RP/P/T with BCCPE | | |

m stands for million, min stands for minimum

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Notes for Table B1

Financial

- 1) Both minimum paid-up capital and minimum net worth must be met separately. C3 firms are required to submit the latest management accounts (not more than 12 months old).
- 2) Grades A1 to B2 firms are required to submit the following annually (not more than 4 months for SGX listed companies and not more than 6 months for non-SGX listed companies from the accounts closing date):
 - i) Audited accounts and meet the financial requirement in order to retain in their respective grades.
 - ii) Complete and submit Annual Return of the Construction Industry conducted by BCA's Economic Research Department.

Track Record

- 3) Completed projects in the past three years for all cases. For renewal, projects completed satisfactorily in the past 5 years including ongoing and newly awarded projects are acceptable. For CW02-A1 registration, projects completed satisfactorily in the past 5 years can be considered as track record.
- 4) Contractors are expected to complete:
 - i) PS - minimum projects executed in Singapore
 - ii) MC - minimum main contracts (nominated sub-contracts may be included)
 - iii) SP - minimum size single main contract or nominated sub-contract (if sub-contract, please refer to note 5)
 Example for CW01 – A1, if you completed a project in Singapore in the past 3 years with a contract value of \$150m, you will have met the minimum requirements for PS, MC and SP
- 5) Percentage of sub-contract value taken into consideration shall be 50% for CW01 and 75% for CW02.
- 6) For CW02, only the value of the civil engineering project will be accepted. For example, if a building includes deep basement construction, only the value of the basement construction works will be accepted.

Personnel

- 7) Please refer to definition of RP/P/T/CCPP/SDCP/ACCP/BCCPE/CET in Table B2.
- 8) A1 and A2 require at least one-third of the RP/P/T with minimum 24 months of relevant experience in Singapore. Out of the 24 months, at least 12 months of relevant experience in Singapore within the latest three years
- 9) First time application for A1 require every technical personnel to be interviewed by BCA

Management & Development

- 10) GGBS (Green & Gracious Builders Scheme) please refer to www1.bca.gov.sg/buildsg/quality/certification-schemes/green-and-gracious-builder-scheme
- 11) BizSAFE Level 3 issued by WSHC (<https://www.wshc.sg/bizSAFE>) or ISO 45001 required for C1 and C2.

Others

- 12) For the tendering limits, please refer to www1.bca.gov.sg/procurement/pre-tender-stage/contractors-registration-system-crs/crs-tendering-limits
- 13) For more details on GB1/GB2, please refer to www1.bca.gov.sg/regulatory-info/building-control/builder-licensing

**TABLE B2
PERSONNEL QUALIFICATION**

| Workhead | Title | Description and Personnel Qualifications |
|----------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CW01 | General Building | <p>“RP” shall mean a degree in Civil/Structural, Mechanical, Electrical Engineering recognized by PEB or BCA, Architecture recognised by BOA. The lists can be obtained from the internet at PEB: PEB Approved Qualifications , BOA: BOA Approved Qualifications and BCA: List of Acceptable Qualifications for RE Accreditation.pdf .</p> |
| CW02 | Civil Engineering | <p>“P” shall mean a recognised degree in Civil/Structural, Mechanical, Electrical Engineering, Architecture, Building or equivalent.</p> <p>“T” shall mean a Technical qualification in any of the following:</p> <ol style="list-style-type: none"> i) A diploma in Civil/Structural Mechanical, Electrical Engineering, Architecture, Building or equivalent awarded by BCA Academy, Nanyang Polytechnic, Ngee Ann Polytechnic, Republic Polytechnic, Singapore Polytechnic or Temasek Polytechnic. ii) A National Certificate in Construction Supervision (NCCS) or Advance National Building Qualification (NBQ)/Specialist Diploma in M&E Coordination awarded by BCA Academy. iii) Such other diplomas or qualifications as approved by BCA from time to time. <p>“CCPP” Certified Construction Productivity Professional</p> <p>“SDCP” shall mean Specialist Diploma in Construction Productivity conducted by BCA Academy</p> <p>“ACCP” shall mean Advanced Certificate of Construction Productivity conducted by BCA Academy</p> <p>“BCCPE” shall mean Basic Concept in Construction Productivity Enhancement (Certificate of Attendance) conducted by BCA Academy. A director with BCCPE (Certificate of Attendance) is acceptable for one company only.</p> <p>“CET” shall mean Continuing Education & Training, the minimum number of personnel required in A1 and A2 firms must comply with the CET requirement to obtain a minimum of 14 hours of structured training annually over a 12-month period from 1 Nov to 31 Oct (of the next calendar year). The declaration form should reach BCA by 30 Nov each year for verification. Personnel with Employment Pass or S-Pass will also require verification by the company’s financial auditor or legal firm/credit rating agency incorporated in Singapore that they have remained in Singapore for at least 183 days in the last one year at the point of CET submission. More information on the CET requirement is available at http://www.bca.gov.sg/ContractorsRegistry/others/CET_FAQ.pdf</p> |