

**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>

CW SRR – Jun 2020 Edition

**TABLE B1  
REGISTRATION REQUIREMENTS**

Grade (Note 14)	Financial (Notes 1–2)	Track Record (Past 3 years) (Notes 3–6)		Personnel (Notes 7–9)	Management & Development (notes 10-13)	Additional Requirements (Note 15)
		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 -1RP/P/T with SDCP/CCPP -Annual CET declaration	ISO9001 (SAC)/ICQA  ISO14001/ICQA  ISO45001 / OHSAS18001/ BizSAFE Star/ ICQA	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 -1RP/P/T with SDCP/CCPP -Annual CET declaration	GGBS	
B1	\$3m	\$30.0m of which -\$22.5m MC -\$7.5m SP	\$30.0m of which -\$15.0m MC -\$7.5m SP	6RP/P/T of which -min 2RP -1RP/P/T with SDCP/CCPP	ISO9001 (SAC)/ICQA  ISO14001/ICQA	
B2	\$1m	\$10.0m of which -\$7.5m MC -\$2.5m SP	\$10.0m of which -\$5.0m MC -\$2.5m SP	3RP/P/T of which -min 1RP -1RP/P/T with ACCP	ISO45001/ OHSAS18001/ BizSAFE Star/ ICQA  GGBS	
C1	\$300,000	\$3.0m	\$3.0m	1RP/P + 1T of which -1RP/P/T with BCCPE	BizSAFE Level 3/ ISO45001/ OHSAS 18001/ ICQA	General Builder Licence Class 1 or Class 2 (GB1 or GB2)
C2	\$100,000	\$1.0m	\$1.0m	1RP/P or 2T of which -1RP/P/T with BCCPE		
C3	\$25,000	\$100,000	\$100,000	1RP/P/T with BCCPE		

m stands for million, min stands for minimum

## 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)
- 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) ISO 9001 must be SAC accredited i.e. the certificate to bear the SAC logo
- 11) GGBS (Green & Gracious Builders Scheme) please refer to <https://www1.bca.gov.sg/buildsg/bca-awards/green-and-gracious-builders-scheme>
- 12) BizSAFE Level 3 issued by WSHC (<https://www.wshc.sg/bizSAFE>) or OHSAS 18001 required for C1 and C2.
- 13) ICQA (Integrated Construction Quality Assurance) is an industry specific and integrated outcome based certification scheme developed by BCA, which can meet ISO 9001, ISO 14001 and ISO 45001/OHSAS 18001/BizSAFE Level 3 requirement in CRS. Please refer to <https://www.bca.gov.sg/Professionals/IQUAS/IQUAS/StaticPages/icqa.aspx>

Others

- 14) For the tendering limits, please refer to [www1.bca.gov.sg/procurement/pre-tender-stage/contractors-registration-system-crs/crs-tendering-limits](http://www1.bca.gov.sg/procurement/pre-tender-stage/contractors-registration-system-crs/crs-tendering-limits)
- 15) For more details on GB1/GB2, please refer to [www1.bca.gov.sg/regulatory-info/building-control/builder-licensing](http://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 <b>PEB or BCA</b>, Architecture recognised by <b>BOA</b>. The lists can be obtained from the internet at PEB: <a href="#">PEB Approved Qualifications</a> , BOA: <a href="#">BOA Approved Qualifications</a> and BCA: <a href="#">List of Acceptable Qualifications for RE Accreditation.pdf</a> .</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 qualifications in any of the following:</p> <ul style="list-style-type: none"> <li>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.</li> <li>ii) A National Certificate in Construction Supervision (NCCS) or Advance National Building Qualification (NBQ)/Specialist Diploma in M&amp;E Coordination awarded by BCA Academy.</li> <li>iii) Such other diplomas or qualifications as approved by BCA from time to time.</li> </ul> <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 &amp; 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 <a href="http://www.bca.gov.sg/ContractorsRegistry/others/CET_FAQ.pdf">http://www.bca.gov.sg/ContractorsRegistry/others/CET_FAQ.pdf</a></p>