## SPECIFIC REGISTRATION REQUIREMENTS FOR CONSTRUCTION-RELATED WORKHEAD (CR)

| Workhead | Title | Description |
|---|---|---|
| CR01 | Minor Construction Works | Minor building and civil engineering works, and landscape implementation works not governed by the Building Control Act, such as drainage, minor road works, aprons, greenery-related hardscape and installation, and minor A & A. |
| CR02 | Corrosion Protection | Corrosion protection work on metal surfaces and structures. Includes processes such as cathodic, anodic, and electrolytic protection. |
| CR03 | Demolition | General building demolition works refer to the systematic tearing down of whole buildings or substantial structural elements e.g. the complete dismantling of standalone buildings. This does not include localised demolition such as hacking of walls, floor finishes, or partial dismantling for renovation purposes. |
| CR04 | Fencing & Ironworks | Erection of perimeter fences and gates. |
| CR05 | Concrete Repairs | Reinforcement of structures and joints through the use of cement-sand-mortar mix or the injection of slurry into joints and cracks in concrete structures and the application of spraying of cement-sand mortar onto surfaces of reinforced concrete works. |
| CR06 | Interior Decoration, & Finishing Works | Interior design, planning and decoration of buildings. This includes ceiling panels, partitions, carpentry works, raised floor works, plastering and tiling. |
| CR07 | Cable/Pipe Laying & Road Reinstatement | Installation of underground cables/pipes and the subsequent reinstatement of roads and other surfaces including detection of underground services. Firms specialising in supplying the cables and pipes should register the Suppliers Registry under SY05 and SY12 instead. |
| CR08 | Piling Works | Installation and testing of precast reinforced concrete or prestressed concrete piles, steel piles, bored cast-in-place piles, caissons and special types like micro-piles, barettes piles and composite piles, embedded retaining wall piles like diaphragm walls, contiguous bored piles or secant piles.<br><br>All applicants are required to obtain the **Specialist Builder Piling Works Licence SB(PW).**<br><br>Applicants applying for L6 must own at least four (4) piling rigs and executed a piling project of at least $3million on its own. |
| CR09 | Repairs & Redecoration | Exterior repainting and minor non-structural repair of buildings and existing structures. These works should not include addition & alteration works involving structural changes. |
| CR10A | Automated Precast Concrete Production | Production of precast concrete components from automated plants accredited with ***Singapore Concrete Institute Precaster Accreditation Scheme (PAS) PC1A or Precast Concrete Products PCW1A Accreditation by Singapore Accreditation Council's (SAC) Certification Bodies***.<br><br>All applicants are required to obtain the **Specialist Builder Precast Concrete Work Licence SB(PC).** |

| Workhead | Title | Description |
|---|---|---|
| CR10B | Precast Concrete Production | Production of precast concrete components from the applicant's precast concrete production plant (excluding any precast concrete work within a construction site).<br><br>Installers of precast concrete components not involved in precast concrete production should apply for TR05 (Precast Installation) instead.<br><br>Applicants are required to obtain the **Specialist Builder Precast Concrete Work Licence SB(PC).** |
| CR11 | Signcraft Installation | Installation of an integrated signposting system for complexes, airports, shopping centers. It includes the setting up of exhibition stands and signs along roads. |
| CR12 | Ground Support & Stabilisation Works | Ground support and stabilisation works, including installation and testing of ground anchors, soil nails, rock bolts, ground treatment like chemical grouting and jet-grouting, reinforced-earth, shotcreting and tunnel supports.<br><br>All applicants are required to obtain a **Specialist Builder Ground Support Works and Stabilization Works SB(GS) Licence**. |
| CR13 | Waterproofing Installation | Waterproofing of basements, roofs and walls. |
| CR14 | Asphalt Works & Road Marking | Laying of asphalt, and marking and painting of roads. All applicants providing asphalt works are expected to have asphalt plant, vibratory roller and bituminous pavers. |
| CR15 | Site Investigation, Instrumentation and Monitoring Works | Site investigation works comprising field investigations, exploratory drilling or boring, logging, sampling, coring, in-situ plate-loading tests, pressure meter tests, penetration tests, vane shear tests, probing tests, permeability tests, geological mapping and geophysical surveys. Instrumentation and monitoring works comprising the installation and monitoring of instruments measuring forces, deformation, displacements, tilt, convergence, pore and earth pressures or ground-water levels.<br><br>All applicants are required to obtain a **Specialist Builder (Instrumentation and Monitoring Work) - SB(I&M) Licence.** |
| CR16 | Curtain Walls | Supply and installation of curtain walls. |
| CR17 | Windows | Supply and installation of windows.<br><br>All applicants are required to be registered in **Regulatory Workhead, RW01.** |
| CR18 | Doors | Supply and installation of doors and ironmongery. |

## TABLE B1: REGISTRATION REQUIREMENTS

**For CR02, CR04, CR05, CR06, CR07, CR08, CR09, CR10B, CR11, CR12, CR13, CR14, and CR16**

| Grade | Financial (Notes 1-3) | Track Record (over past 3 years) (Notes 4-6) | Personnel (Notes 7-8) | Management & Development (Note 9) | Additional Requirements (Notes 10-11) |
|---|---|---|---|---|---|
| **L6** | **$1.5m** | **$30m** comprising:<br>- $7.5m PS<br>- $3m MC<br>- $3m SP | **Minimally 2P** with at least 5 years of relevant experience, comprising:<br>- 1 SDCP | For CR08, CR10B and CR12 only<br>**BizSAFE Level 3 / ISO45001** | For CR08, CR10B, CR12 only<br>**Relevant SB Licence(s)** |
| **L5** | **$500,000** | **$10m** comprising:<br>- $1m SP | **Minimally 1P**; or<br><br>**Minimally 2T,** one with at least 8 years of relevant experience | | |
| **L4** | **$250,000** | **$5m** comprising:<br>- $500,000 SP | **Minimally 2T,** comprising:<br>- 1 with at least 5 years of relevant experience | | |
| **L3** | **$150,000** | **$3m** | **Minimally 2T** | | |
| **L2** | **$50,000** | **$1m** | **Minimally 1T** with 3 years of relevant experience | | |
| **L1** | **$50,000** | **$300,000** | **Minimally 1T** | - | |

m stands for million

**For CR01, CR03, CR10A, CR15, CR17, and CR18**

| Grade | Financial (Notes 1-3) | Track Record (past 3 years) (Notes 4-6) | Personnel (Notes 7-8) | Management & Development (Note 9) | Additional Requirements (Notes 10-11) |
|---|---|---|---|---|---|
| **Single grade** | **$50,000**<br><br>For CR10A only<br>$2m | **$300,000**<br><br>For CR10A only<br>Not applicable | **Minimally 1T** | **Nil except:**<br><br>For CR10A only<br>**BizSAFE Level 3 / ISO45001** | **Nil except:**<br><br>For CR10A only<br>**SCI PAS PC1A or PCW1A accreditation by SAC, Relevant SB Licence**<br><br>For CR15 only<br>**Relevant SB Licence**<br><br>For CR17 only<br>**RW01 registration** |

m stands for million

**Notes for Table B1**

Financial

1. Both minimum paid-up capital and minimum net worth must meet the financial requirements.
   a. Grade L2 to L6 firms are required to submit the latest audited accounts (not more than 12 months old). For applicant that submit consolidated accounts, the applicant's paid-up capital and net worth, and not the Group's, shall be considered when assessing if the applicant meets the financial requirements, except for CR10B firms. If the audited accounts contain a qualified, adverse or disclaimer of opinion issued by the auditor, or a Material Uncertainty Related to Going Concern (MUGC) disclosure, BCA may register the applicant at a different grade from the grade applied for.
   b. CR10A single grade firms are required to submit the latest audited accounts (not more than 12 months old). CR10A firms only need to meet the $2m paid-up capital requirement. There is no net worth requirement.
   c. Grades L1 and single grade firms (except for CR10A) can submit the latest management accounts (not more than 12 months old) instead.

2. **Annual** submissions are required for the following:
   a. For all L6 firms and CR10A firms. Audited accounts demonstrating that financial requirements have been met, to retain the L6 grade. Audited accounts shall not be more than four months old from the accounts closing date for SGX-listed firms, and not more than six months old for non-SGX listed firms; and
   b. For CR08, CR10B and CR12 firms at Grades L4 to L6, and CR10A firms. Completed "Annual Return of the Construction Industry" survey conducted by BCA's Economics Research Department.

3. CR10B firms at Grades L2 to L6 may use the net worth of its Group's audited accounts (not more than 12 months old) to meet the minimum net worth requirement.

Track Record

4. The types of track records are defined as follows:
   a. PS - total value of project(s) executed in Singapore
   b. MC - total value of main contract(s) (nominated sub-contracts may be included)
   c. SP - value of a single main contract or sub-contract.

   A single project can be counted towards fulfilling the PS, MC and SP requirements. For example, if you completed a project in Singapore with a contract value of $30m in the past three years as a main contractor, you would have met the minimum requirements for PS, MC and SP.

5. In general, for applications for new, additional, and upgrading of workheads, only projects completed satisfactorily within the past three years are acceptable. For renewal applications, both ongoing and completed projects within the past three years are acceptable. Do note that:
   a. For entry-grade applications. Both ongoing and completed projects within the past three years are accepted for new and additional workhead applications as well.
   b. For CR10B, only track records of the applicant's supply of precast components from its own plant will be considered.

6. For CR10A and CR10B, to complete and submit Annual Precast Survey conducted by BCA's Construction Productivity and Quality Group.

Personnel

7. The types of personnel are defined as follows:
   a. P – Professional. P refers to personnel with a degree in Civil/Structural, Mechanical, Electrical Engineering, Architecture, Building or equivalent approved by BCA. For landscape implementation firms registering under CR01, personnel with a relevant landscape/horticulture/arboriculture degree can be accepted.

   b. T – Technician. T refers to personnel with 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. BCA may also approve such other diplomas or qualifications from time to time. For landscape implementation firms registering under CR01, personnel with relevant landscape/horticulture/arboriculture diploma/certification can be accepted.

8. The types of certifications are defined as follows:
   a. SDCP - Specialist Diploma in Construction Productivity conducted by BCA Academy.

Management & Development

9. More details of certifications are as follows:
   a. BizSAFE Level 3 is issued by Workplace Safety and Health Council (WSHC). For more details, please refer to: https://www.tal.sg/wshc/programmes/bizsafe/about-bizsafe.

Additional Requirements

10. Precaster Accreditation Scheme is issued by Singapore Concrete Institute (SCI). For more details, please visit: https://www1.bca.gov.sg/buildsg/quality/industry-accreditation-schemes/precaster-accreditation-scheme.

11. For more information on Specialist Builders License, please visit this link: https://www1.bca.gov.sg/regulatory-info/building-control/builder-licensing.

Other information

12. The tendering limit for single grade is unlimited. For other tendering limits, please refer to: www1.bca.gov.sg/procurement/pre-tender-stage/contractors-registration-system- crs/crs-tendering-limits