

CONQUAS 9th Edition (E-Submission)

Conquas submission comes in two parts

Part 1 -Structural

1. Projects shall complete all assessments and submit the Material & Functional Test Forms A, B, C, D and Bonus Form I (where applicable)
2. Structural interim will be issue when submission is deemed to be in order.
3. To make it easier to see and process, include attachment together with each individual form and NOT one form and another attachment.
4. Submission must be in **soft copies** with necessary attachments, **NOT exceeding 30mb in size** (NO drop box or webpage link)
5. Send to BCA CONQUAS Esubmissions (BCA)

BCA_CONQUAS_Esubmissions@bca.gov.sg
6. Late submission may result in a delay in releasing structural interim score for your project. Incomplete or no submission will be taken as fail and we will deduct the points accordingly.

Part 2- Architectural / M&E works

1. Projects shall complete all assessments and submit the Material & Functional Test Forms E, F, G, H and Bonus Form J, K L, M, N (where applicable) **to QCD prior to application for TOP inspection.**
2. To submit project's substantial completion certificate issued by QP, Architect.
3. To make it easier to see and process, include attachment together with each individual form and NOT one form and another attachment.
4. Submission must be in **soft copies** with necessary attachments, **NOT exceeding 30mb in size** (NO Drop box or webpage link)
5. Send to BCA CONQUAS Esubmissions (BCA)

BCA_CONQUAS_Esubmissions@bca.gov.sg
6. Late submission may result in a delay in releasing final CONQUAS score for your project. Incomplete or no submission will be taken as fail and we will deduct the points accordingly.

Structural Works		
S/N	Forms (click to download)	Remarks
1.	FORM A	<p>Structural Cube Steel Declaration</p> <ul style="list-style-type: none"> • Tested by accredited lab (at contractor's cost) / declared by project structural QP • QP to endorse additional pages when required • No attachment required
2.	FORM B	<p>Structural Works Non Destructive Test (Concrete Cover) Declaration</p> <ul style="list-style-type: none"> • Tested by accredited lab (at contractor's cost) / declared by project structural QP • Submit copy of Test Lab's updated accreditation certificate & equipment calibration report Test reports • Submit Cover specification approved by QP, for the column/s, wall/s and beam/s measured to the main reinforcement and not to the link or stirrup. (must be clear and readable) • Submit NDT Test reports
3.	FORM C	<p>Structural Works Non Destructive Test (Concrete Uniformity) Declaration</p> <ul style="list-style-type: none"> • Tested by accredited lab (at contractor's cost) / declared by project structural QP • Submit copy of Test Lab's updated accreditation certificate & equipment calibration report • Submit NDT Test reports
4.	FORM D	<p>Welding Test Summary Declaration</p> <p style="background-color: yellow;">Project to check and ensure before submission</p> <ul style="list-style-type: none"> • Applicable to project if structural steelwork which constitutes more than 20% of the structural cost. • Tested by accredited lab (at contractor's cost) / declared by project structural QP • QP to endorse additional pages when require • Submit structural steelwork Test reports
Bonus point		
5.	BONUS POINTS FORM I	<p>Use of Precast Elements</p> <p style="background-color: yellow;">Project to check and ensure before submission</p>

		<ul style="list-style-type: none">• Applicable to project if total precast concrete volume exceeds 20% of total structural concrete volume.• Precast elements supplied by Singapore Concrete Institute (SCI) accredited precasters [100% of precast elements]• Precaster must be SCI accredited before commencement of precast supply for your project• Submit Letter of award to show that there is a contract between main contractor and precaster.• Submit SCI certificate covering period of precast supply for your project
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Architectural Works/ M&E works		
S/N	Description	Remarks
1.	FORM E	<p><u>Waiver for Internal Wet Area Waterproofing In-Process Inspection</u></p> <p>The accredited waterproofing contractor must produce a valid Singapore Concrete Institute (SCI) certificate that covers the entire contractual period of water proofing works for the project.</p> <ul style="list-style-type: none"> • Submit LOA between Main Contractor & waterproofing special contractor for waterproofing works. • Submit Appendix to LOA specifying wet area and roof application covering all Blks, Plots, Internal Units and Roofs. • Submit Singapore Concrete Institute (SCI) certificate
2.	FORM F	<p><u>Material & Functional Test Declaration</u></p> <ul style="list-style-type: none"> • Pre-requisite for 9th Edition • No attachment required
3.	FORM G	<p><u>M&E WORK Performance Assessment (Testing & Commissioning)</u></p> <p>The assessment shall be based on M&E Testing & Commissioning conducted together with the Consultant and the results based on the percentage of tests passing at first-attempt.</p> <ul style="list-style-type: none"> • Pre-requisite for 9th Edition • Ensure to include M&E QP's company name in the submission • No attachment required
4.	FORM H	<p><u>Draft CONQUAS /QM Certificate</u></p> <p>Project to check and ensure before submission that documented names are accurate and correct</p> <ul style="list-style-type: none"> • No attachment required

Bonus point		
5.	BONUS POINTS FORM J	<p><u>Certified QM/CONQUAS Personnel</u></p> <p>Project to check and ensure before submission</p> <p>QM/CONQUAS Personnel must be certified and deployed minimally for the period between commencement of the superstructure works and completion of the project.</p> <p>The QM/CONQUAS manager/supervisor shall demonstrate commitment and satisfactory performance during the project duration pertaining to quality and CONQUAS assessment issues. It is the responsibility of the certified personnel to ensure the project personnel attend all allocated CONQUAS training, assessments are completed, and submission of documents done timely. They should conduct themselves in a professional manner when dealing with feedback on defects related to workmanship quality, failing which, CONQUAS bonus points will not be awarded.</p> <ul style="list-style-type: none"> • Submit Copy of letter of appointment between Main Contractor and certified QM/CONQUAS personnel. • Submit Copy of the valid certified QM/CONQUAS personnel's Certificate(s).
6.	BONUS POINTS FORM K	<p><u>Use of Prefabricated Bathroom Units</u></p> <p>Use of PBU (at least 65% of toilets)</p> <p>The accredited precaster must produce a valid Singapore Concrete Institute (SCI) certificate that covers the entire contractual period of precast supply for the project.</p> <ul style="list-style-type: none"> • Submit Copy of LOA between Main Contractor and prefabricated bathroom units supplier • Submit Singapore Concrete Institute (SCI) certificate

7.	BONUS POINTS FORM L	<p>Use of Prefabricated Prefinished Volumetric Construction (PPVC)</p> <p>PPVC used has to be accepted by the Building Innovation Panel (BIP) and accredited under the PPVC Manufacturer Accreditation Scheme (MAS)</p> <p>65% coverage of the total super-structural floor area of the building or components of the building. (Total super-structural floor area refers to the total constructed floor area of the building consisting of the ground floor and all floors above the ground floor but excluding any floor area constructed for use as roof or car park.)</p> <ul style="list-style-type: none"> • Submit Copy of LOA between Main Contractor and PPVC supplier. • Submit Copy of suppliers PPVC (MAS) certificate (Validity of the MAS certificate to cover the date the first PPVC module was installed on site).
8.	BONUS POINTS FORM M	<p>Use of Mass Engineered Timber (MET)</p> <p>Use of Mass Engineered Timber eg: Cross-laminated Timber, Glued Laminated Timber etc.</p> <p>65% coverage refers a building is deemed to be constructed using engineered timber if both the floor (including roof) and wall are constructed using engineered timber</p> <ul style="list-style-type: none"> • Submit Copy of LOA between Main Contractor and MET supplier
9.	BONUS POINTS FORM N	<p>Use of PRODUCTIVE MATERIAL(S)</p> <p>Use of Productive materials, which facilitate higher quality achievement. (at least 65% coverage)</p> <ul style="list-style-type: none"> • Submit Copy of LOA between Main Contractor and Productive Material Supplier.