

Ref No. BPU/01/2020

Date: 15 April 2020

**Owners, Developers, Architects, Engineers, Contractors and Builders**

Dear Sir/Madam

**PUB BIM e-Checker Portal - Towards ZERO Resubmission**

Very often, our industry professionals need to make multiple resubmission because their designs failed to meet our requirement. To relief your team from making multiple resubmissions, I am pleased to announce that PUB will be launching its Building Information Modelling e-Checker System ("BIM e-Checker").

2 Developed in consultation with professionals like yourself, the BIM e-Checker automatically checks BIM submission in open BIM format (IFC) for compliances with standing regulations, guidelines and Code of Practices and is capable of generating the results of the checks within 24 hours. Checks can be conducted any time of the day by simply uploading the open BIM formatted (IFC) designs into the system. Phase 1 of the BIM e-Checker which covers checks on all prescriptive PUB requirements will be available from 15 Apr 2020.

3 The subsequent CORENET processing of these plans which are fully compliant with the e-Checks will be **accorded priority**.

4 For more information on the PUB BIM e-Checker, please visit us at: <https://pubbimchecker.com.sg>. You may also wish to contact my colleague Mr Low Yang You at [Low\\_Yang\\_You@pub.gov.sg](mailto:Low_Yang_You@pub.gov.sg) should you need further help. More detailed information on the PUB BIM e-Checker can be found on Annex A

5 I look forward to have you on-board the e-Checker.

Yours faithfully,



Goh Pin Cheh  
HEAD (Building Plan Unit)  
CENTRALISED SERVICES DEPARTMENT  
PUB, SINGAPORE'S NATIONAL WATER AGENCY

**DISTRIBUTION (via e-mail)**

The President  
Singapore Institute of Architects (SIA)  
Eunos Technolink  
Blk 3, Kaki Bukit Road 1, #02-01  
Singapore 415935

The President  
Singapore Plumbing Society  
117B Jalan Besar Lvl 3  
Singapore 208837

The President  
Association of Consulting Engineers, Singapore  
(ACES)  
Thomson Road Post Office  
PO Box 034  
Singapore 915702

All CORENET e-Info subscribers

The President  
Institution of Engineers, Singapore (IES)  
70 Bukit Tinggi road  
Singapore 289758

The President  
Real Estate Developers' Association of  
Singapore (REDAS)  
190 Clemenceau Avenue #07-01  
Singapore Shopping Centre  
Singapore 239924

The President  
Singapore Contractors Association Limited  
(SCAL)  
Construction House  
1 Bukit Merah Lane 2  
Singapore 159760

The President  
Board of Architects Singapore (BOA)  
5 Maxwell Road  
#01-03 Tower Block  
MND Complex  
Singapore 069110

The President  
Professional Engineers Board, Singapore (PEB)  
5 Maxwell Road,  
#01-02 Tower Block  
MND Complex  
Singapore 069110

Annex A – Additional Information for PUB BIM e-Checker Portal

Portal URL	<a href="https://pubbimchecker.com.sg">https://pubbimchecker.com.sg</a>
Point of Contact for Feedback/Enquiry/Troubleshoot	<p>Contact No.</p> <p>NOVA support – 62169510 (<a href="mailto:Bimchecker_support@nova-hub.com">Bimchecker_support@nova-hub.com</a>)</p> <p>PUB (Yang You) – 67313223 (<a href="mailto:Low_Yang_You@pub.gov.sg">Low_Yang_You@pub.gov.sg</a>)</p>
FAQs	<p>Q: What does the PUB BIM e-Checker do?</p> <p>A: The PUB BIM e-checker is a system developed to help industry users self-check their BIM models (IFC) for compliance against PUB Code of Practice requirements before formal submission via CORENET.</p> <hr/> <p>Q: How do I use the PUB BIM e-Checker?</p> <p>A: You are required to create an account at the portal (<a href="https://pubbimchecker.com.sg">https://pubbimchecker.com.sg</a>). How-to guides are available on the portal for user's reference.</p> <hr/> <p>Q: What is the response time of the system?</p> <p>A: The system aims to generate result within 24 hours after the model has been uploaded. Please note that the rule for checking needs to be selected accordingly.</p> <hr/> <p>Q: How does the PUB BIM e-Checker help me?</p> <p>A: This will allow the users to make sure their design is compliant before formal submission to PUB via CORENET. A compliant submission will mean less re-submission. There will be improved productivity for the project.</p> <hr/> <p>Q: Is using the PUB BIM e-Checker mandatory?</p> <p>A: The use of the PUB BIM e-Checker is not mandatory yet. It is meant as a value-added tool for the industry to run compliance check before making a submission in CORENET.</p> <hr/> <p>Q: What modelling software should I use in order to run the rules for compliance checking?</p> <p>A: The current modelling guide is published for Revit and Archicad. To use the BIM e-Checker, the models need to be converted into IFC 2x3 format in order to support interoperability. For other BIM authoring software, the guides will be published progressively.</p>

Q: How do I make a CORENET submission after I have made a check using the PUB BIM e-checker?

A: You can make a CORENET submission as per normal. The compliant report from the BIM e-Checker and the relevant IFC files are to be included in the submission. Please also email the submission number to [pub\\_bpu@pub.gov.sg](mailto:pub_bpu@pub.gov.sg). If the IFC file is too large for submission through CORENET, you are advised to provide a link for PUB to download the IFC. Only submissions supported with checking report will be processed.

If there is a non-compliance due to site constraints, please consult PUB.

Q: Will there be briefing and training on the PUB BIM e-Checker?

A: Briefing and Training will be provided for users to familiarise on the usage of the portal from creation to uploading of model to reviewing of results. More details will be shared at a later date. In the meantime, users can refer to the modelling guide and how-to videos.

If further assistance is required, users may seek help using the support contact provided earlier or write in to [pub\\_bpu@pub.gov.sg](mailto:pub_bpu@pub.gov.sg)