

Release Note

Release Date : June. 2022

Product Ver. : nGen 2022 (v3.1)

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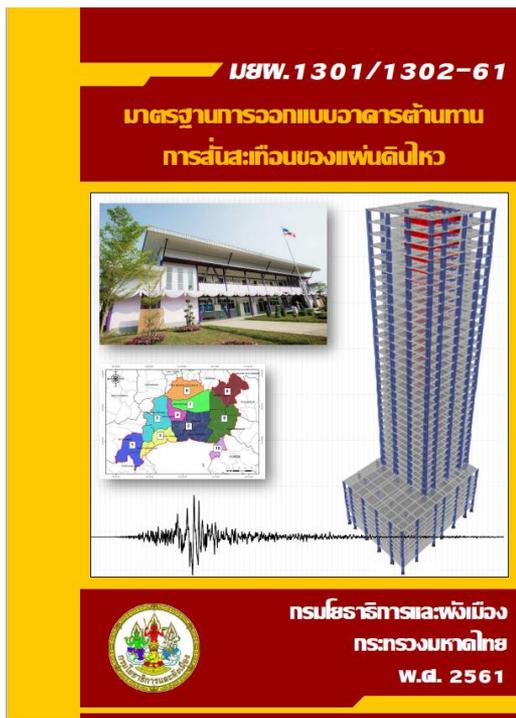
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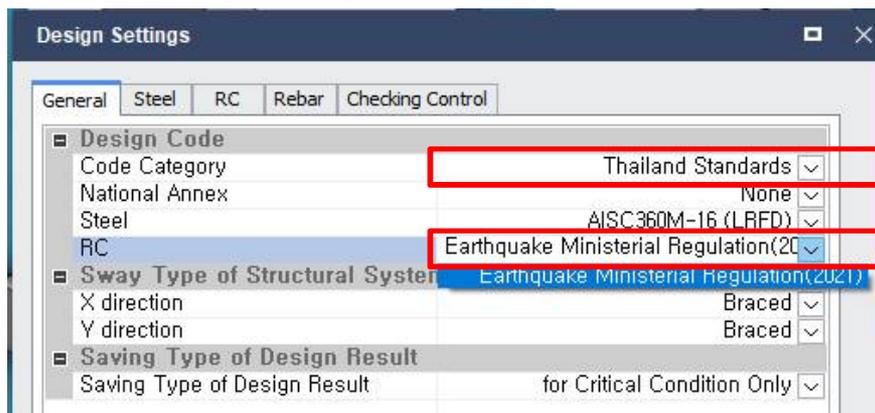
1. Add Thailand Standard (RC Seismic design according to DTP)

→ It is possible to design in consideration of the seismic design details suggested by DTP.



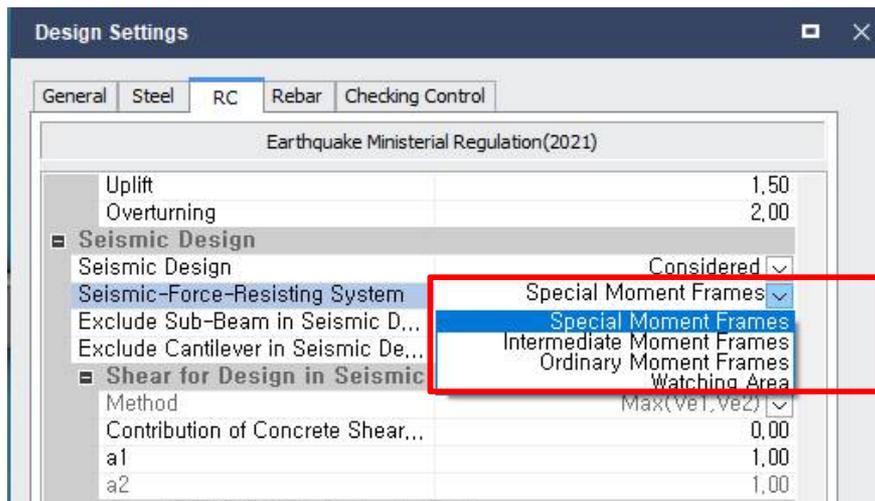
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• Design > Design Setting > General Tap



Select Design Code in Thailand Standard.

• Design > Design Setting > RC Tap

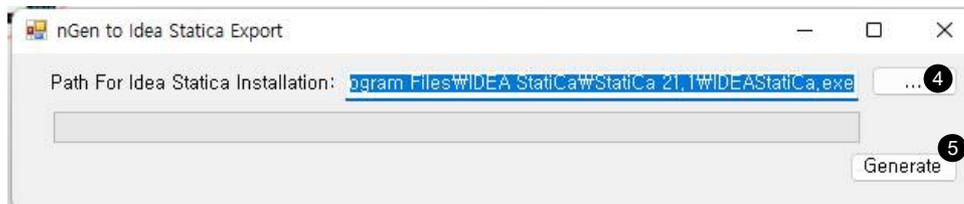
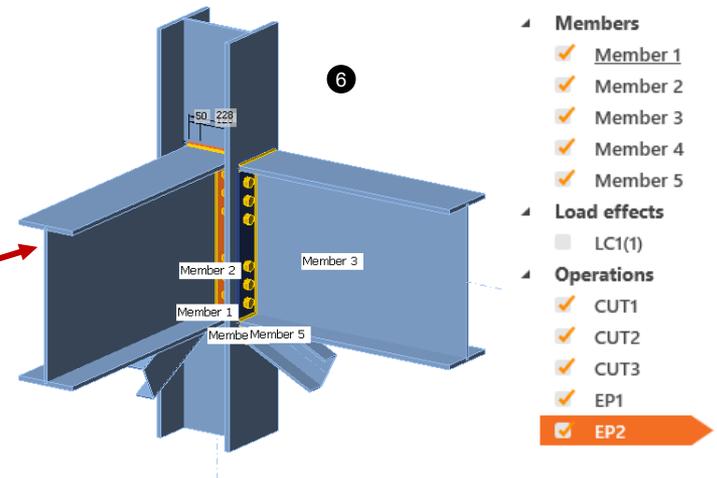
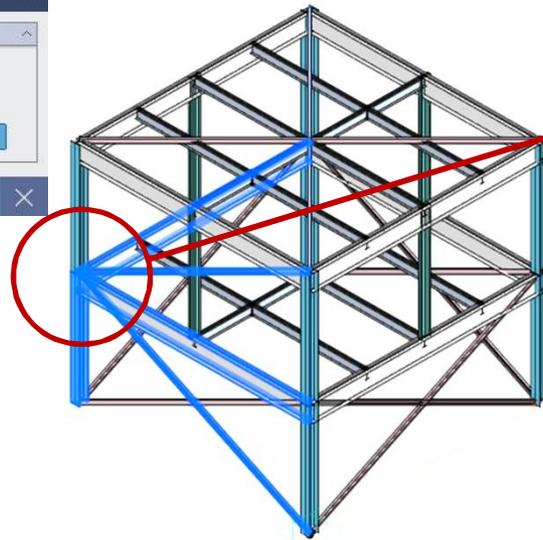


Select Resisting Systems.

2. Add Interface for nGen - IDEA Statica Connection

→ Through the link of nGen - IDEA Statica Connection, Various joint design can be performed.

• Output > IdeaStatica Link > Steel Connection



- ① Run “Steel Connection Export”.
- ② Select a members that shar a specific target point (connection)
- ③ Click “V” and Save as “*.xml” file.
- ④ Click “...” and Link “IDEAStatica.exe” file.
- ⑤ Click “Generate” and Check the model in IDEA Statica Connection.
- ⑥ Perform Joint modeling and design IDEA Statica Connection.

2. Add Interface for nGen - IDEA Statica Connection

- Exported Data**

Item	Exported	Detail
Unit	O	Convert units automatically
Section	O	
Material	O	
Section Offset	X	User input in IDEA Statica Connection
Member Force	O	Most unfavorable load combination is exported as member force.
Boundary Condition	O	It is necessary to check the bearing member. **Priority for setting bearing member : Column > Beam > Sub-column > Sub-beam > Brace)

- IDEA Statica** : <https://www.ideastatica.com/connection-design>

