Release Note

Release Date : June. 2022

Product Ver. : nGen 2022 (v3.1)

Contents

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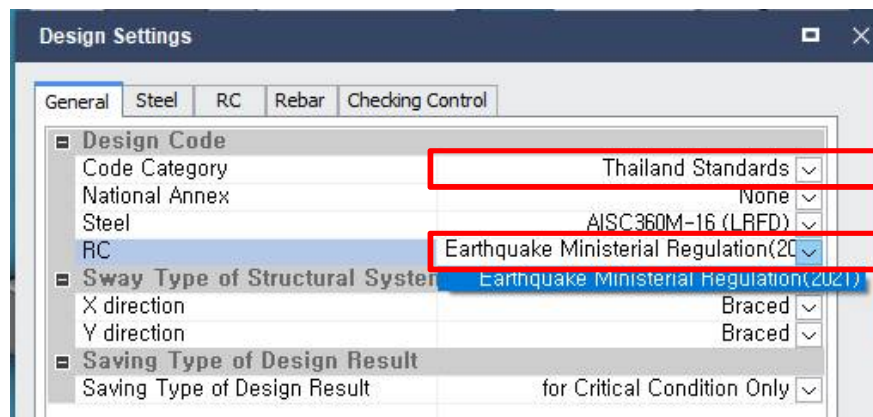
1. Add Thailand Standard (RC Seismic design according to DTP)

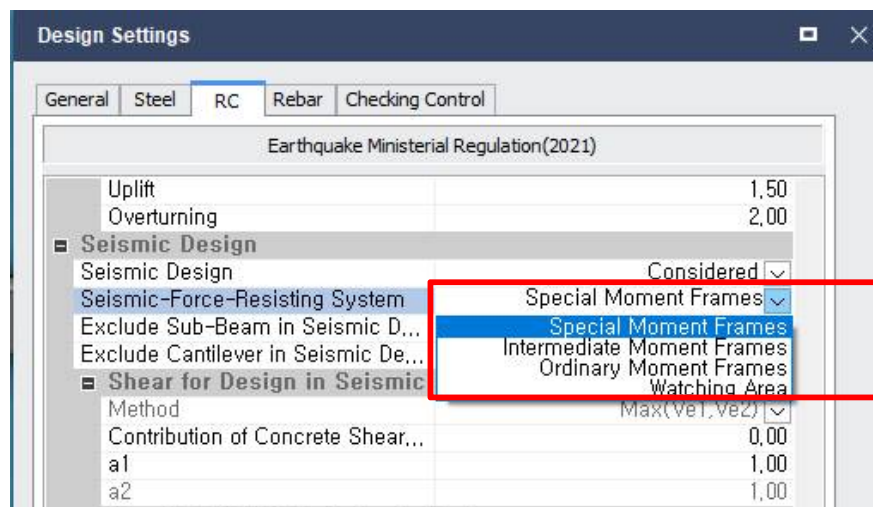→ *It is possible to design in consideration of the seismic design details suggested by DTP.*
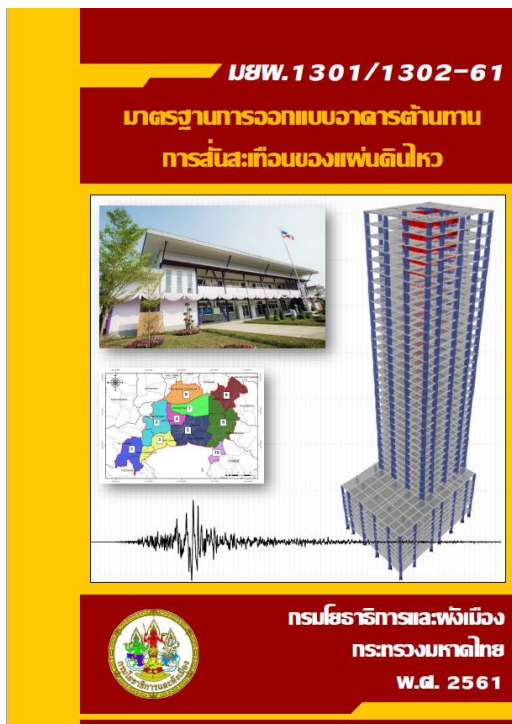
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• *Design > Design Setting > General Tap*

Select Design Code in Thailand Standard.
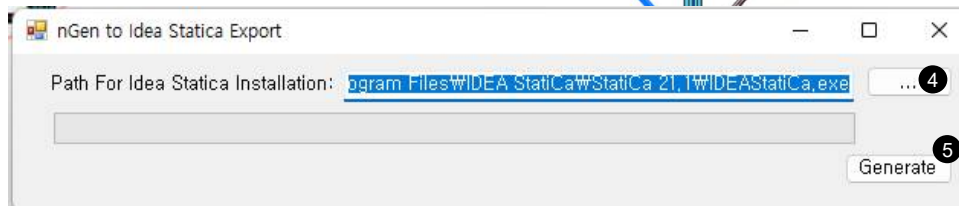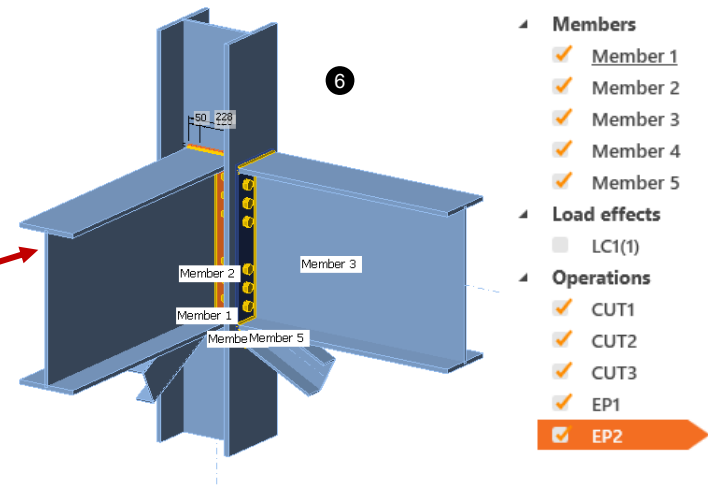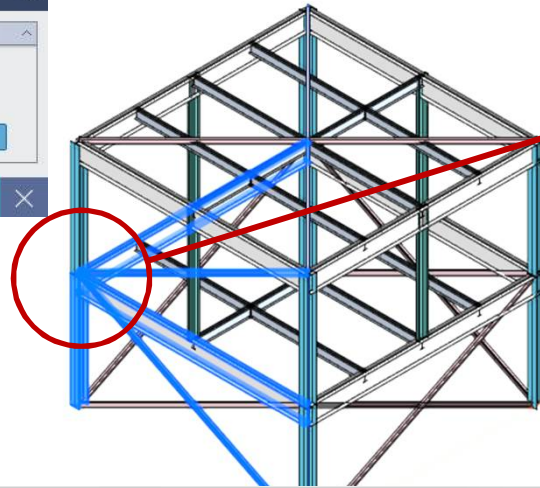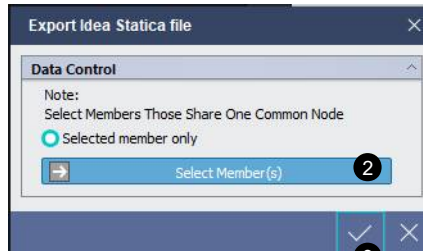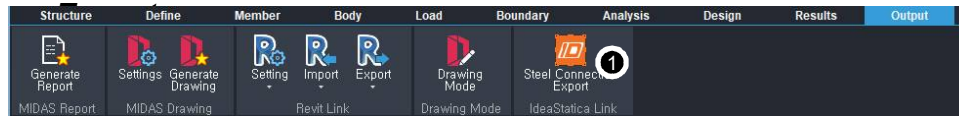
• *Design > Design Setting > RC Tap*

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*

❶ Run "Steel Connection Export".

❷ Select a members that shar a specific target point (connection)

❸ Click "V" and Save as "*.xml" file.

❹ Click "...." and Link "IDEAStatica.exe" file.

❺ Click "Generate" and Check the model in IDEA Statica Connection.

⑥ Perform Joint modeling and design IDEA Statica Connection.

<u>Note)</u>
1. <u>Since the design member force needs to be exported, it can be used after analysis and design are completed in nGen.</u>
2. <u>User's defined sections are not supported. (Only the sections in DB are exported normally.)</u>

2. Add Interface for nGen - IDEA Statica Connection

- *Exported Data*

Item	Exported	Detail
Unit	O	Convert units automatically
Section	O	Only Section in DB of nGen
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*