



MIDAS GEN Webinar Series

Tutorial 2 - Wind and Seismic loading:

Q1: Share the screenshot of the “Nodal Mass” value table in X & Y directions after doing the load to masses.

Q2: How much “Percentage of the imposed load” needs to be considered if my imposed load (Live load) intensity is 4 kN/m²? And where can this parameter be specified in Midas Gen? Share the corresponding screenshot.

Q3: Share the screenshot of your response spectrum function definition.

Q4: Share the base shear values of the following load cases:

1. WX - Wind load case in X-direction
2. EXP - Earthquake load in the positive X direction load case
3. Spec X - Response spectrum load case in X direction

Q5: What is the modal mass participation in the first 3 modes? Share the screenshot of the same.

Q6: What is the story drift value of the top floor for the “EXP” load case? Is it within the limit as per IS 1893-2016 part 1?

Q7: What is the response reduction value for the SMRF structure?

Q8: Share the screenshot of the result: “Story shear force ratio” for the 16th story of the structure for the EXP load case.