Supplementary File

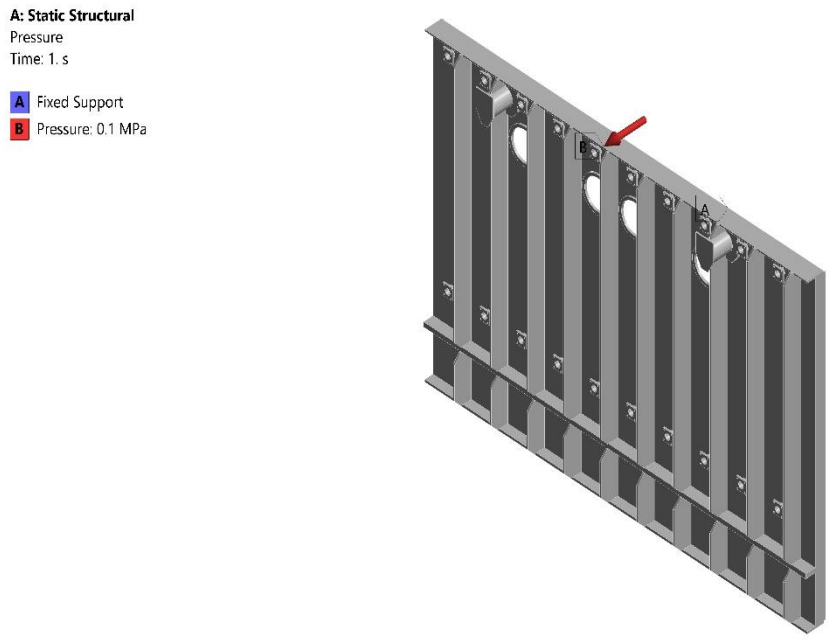


Figure S1: The locations of the fixed supports and the applied pressure on the HV tank wall model (Outer side)

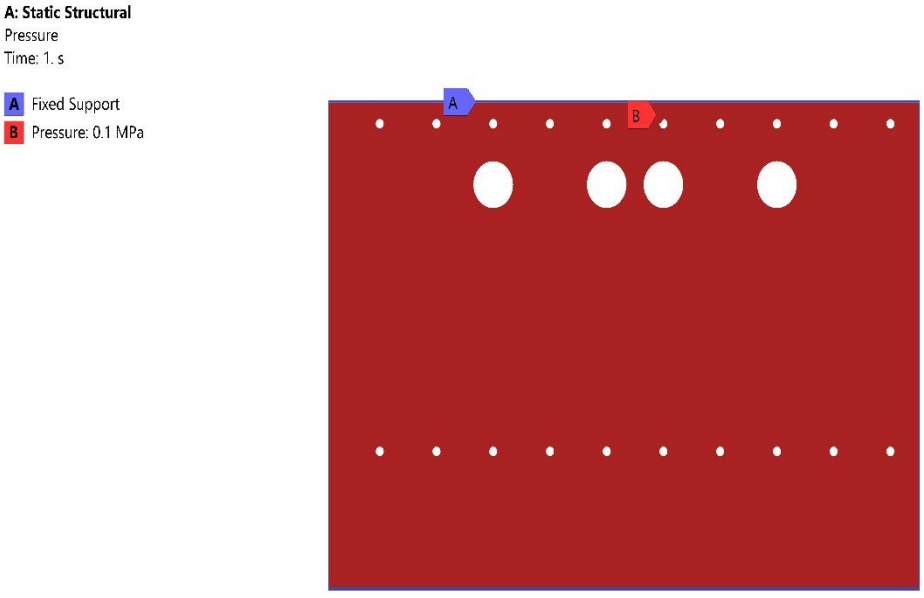


Figure S2: The locations of the fixed supports and the applied pressure on the HV tank wall model (Inner side)

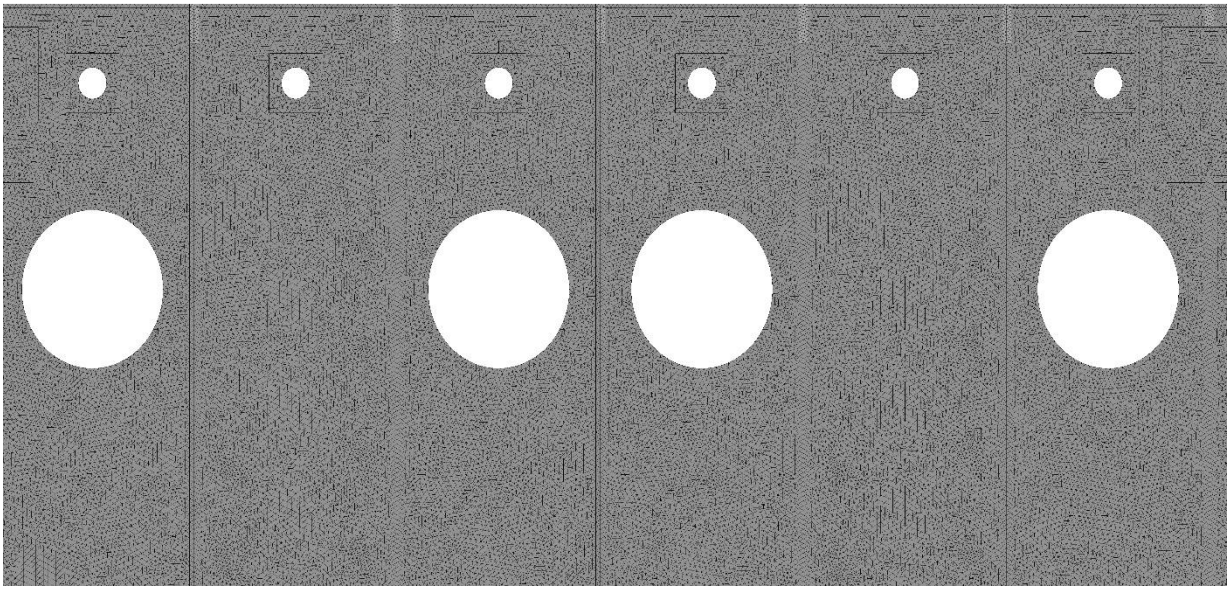


Figure S3: Mesh Configuration for Static Analysis of the High-Voltage (HV) Tank Wall in ANSYS

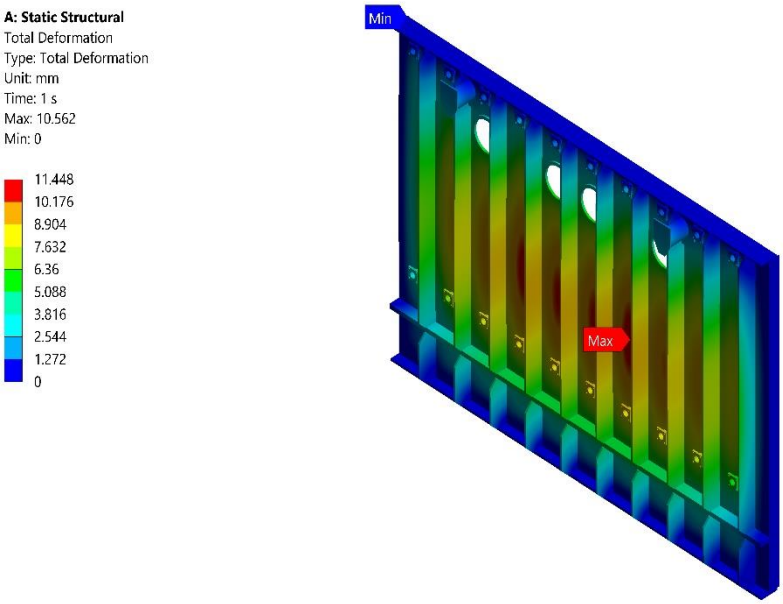


Figure S4: Position of Maximum Deformation Occurrence

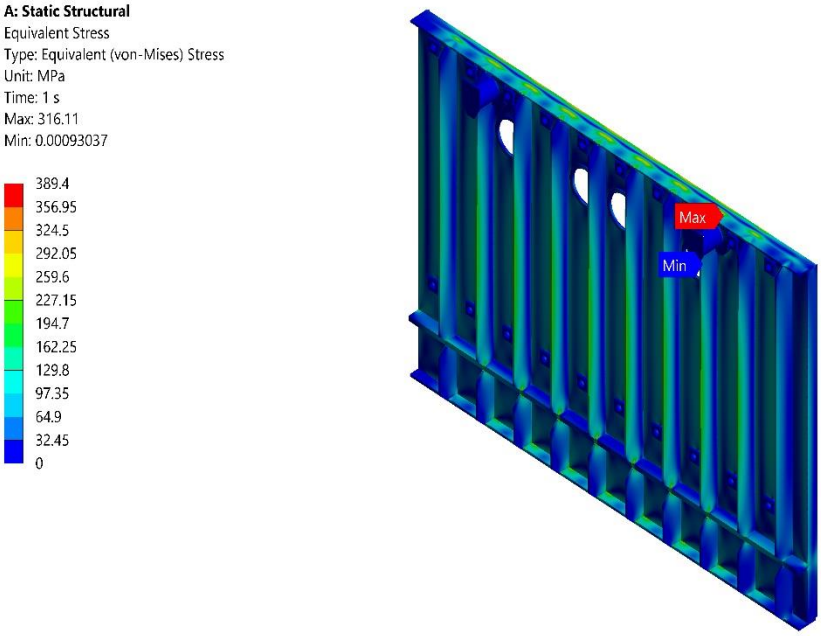


Figure S5: Position of Maximum Von-Mises Stress Occurrence