

Checks for Calculation No: NSTXU-CALC-11-25-00

Revision No: 0

OBD12 Simplified Model Langmuir Probe Analysis

Component was checked against latest design

Yes

All required load cases are included and current

Yes

Discuss method used in the calculation

ANSYS APDL V 19.0 was utilized for all analysis work

Discuss how the calculation was checked (*)

Inputs, boundary conditions, and methodology were reviewed. Modeling methodology and inputs were considered for accuracy in reflecting real life conditions.

List issue identified and how they were resolved

No modeling issues were identified. Editorial modifications were provided and were incorporated in the final version by the preparer.

Checker's name: Wassee Syed

Technical Authority: _____ (sign and date)

(*) independent calculations can be appended