

PD2CII™ - Plant Design-to-CAESAR II Translator [for Intergraph's PDS]

Procedure for extracting neutral files from PDS software

This translator is compatible with PDS versions released after May 1998 and upto PDS Version 8.xx.

1. The present version of the PD2CII translator is supplied with the PDSTRESS.TBL and DEFAULTS.DAT.
2. Replace the files PDSTRESS.TBL and DEFAULTS.DAT currently available in the directory PDS_Installed_Dir\win32app\INGR\pdstress\dat\ with the files PDSTRESS.TBL and DEFAULTS.DAT supplied with this version.
3. Replace the PDS to STRESS Map path available in EXTERNAL FILES block of DEFAULTS.DAT as shown below with your current path of PDSTRESS.TBL (path in which PDSTRESS.TBL is available) by opening the file DEFAULTS.DAT.

EXTERNAL FILES

!note: maximum 5 files, 40 characters maximum for each file

! 1234567890123456789012345678901234567890

e:\win32app\ingr\pdstress\dat\pdstress.tbl !PDS TO STRESS MAP (path is user defined)

ENDOF EXTERNAL FILES

4. *Refer to PDS Stress translator Users's Guide for more details on how to modify the option files PDSTRESS.TBL and DEFAULTS.DAT for adding new components.*
5. For User-defined components, the PDS Administrator has to ensure that the corresponding details are added in PDSTRESS.TBL and DEFAULTS.DAT. For new component categories, the PDS Administrator has to send the details of such component categories to InfoPlant, so that InfoPlant could incorporate such details in the next release of the translator.
6. Load the PDS software and click on "Stress ranslator" and type in the name of the pipeline and name of the Neutral File in the form and click "Apply". This will create a Neutral File at the specified location.
7. Run the translator PD2CII to create CAESAR II (*.CII) file. This .CII file can be read by CAESAR II through "Tools->External Interfaces->CAESAR II Neutral File" option.

The above procedure has to be followed for ensuring successful conversion of PDS piping models into CAESAR II format.