

checkSTRESS-to-CAESAR II Conversion

checkSTRESS II (hereinafter called checkSTRESS) has 3 built-in modules as described below.

Module 1 reads and converts the 3D Plant Design software data into checkSTRESS format.

Module 2 is the main engine of checkSTRESS, the source code of which is identical to that of CAEPIPE.

Module 3 converts the checkSTRESS model (.mod file) into the free format input (.cii file) for Hexagon's CAESAR II. The source code of this module is identical to that of CAEPIPE to CAESAR II Translator (KP2CII).

As stated under Module 3, KP2CII Translator built into checkSTRESS II converts the stress model from checkSTRESS to CAESAR II free format file .cii. Hence, the details provided under Chapter 3, Chapter 5, Chapter 6, Chapter 7 and Appendices of CAEPIPE to CAESAR II Translator User's Manual (KP2CII.pdf) are also applicable for checkSTRESS II.

Refer to CAEPIPE to CAESAR II Translator User's Manual (KP2CII.pdf) available in the folder "Manuals" of checkSTRESS II installation for further details.