

SECTION A: ERROR DETAILS

Bugzilla Error Number	BUG4718		
Description of Error:			
Un-initialized variable for fluid specific heat ratio.			
Comments:			
During the refactoring of the fluid class a vestigial variable for the fluid specific heat ratio was not removed from a class where it was no longer required. A line of code remained that included a checked against this variable and then adjusted the fluid specific heat ratio erroneously.			
First Incorrect Version:	2019 Release (8.10.0)	Corrected Version:	2025 Release (9.0.0)

SECTION B: WORKAROUND

Workaround Description:
Even though there is no known workaround, the probability that the uninitialized variable will have exactly the same non-trivial value during two consecutive runs is diminishingly small. Thus, if running the same steady state or transient twice results in the same results, it is highly unlikely that this error had an impact on that run.

SECTION C: SIGNOFF

Person Responsible for Fix:		
Eugene van Heerden		2025/02/19
Name	Signature	Date
Person Responsible for Review:		
Tiaan Dercksen		2025/02/19
Name	Signature	Date