Verification type	Code Verification
Database reference	CV-1
Topic / Application	Code Verification Mass balance
Physics	Continuity Equation
Summary	A simple procedure for determining mass balance errors in H2 release simulations
Description	As a test of the continuity equation, for H2 flows a mass balance can be determined where the mass of H2 in a domain after time t equals the initial mass, plus the H2 added at inlets, less any H2 lost at boundaries.
Case Title	Mass Balance
Authors	NSCRD
Year	2016
Online reference	Susana deliverable T4
Case image	
Governing equations	
Results	