

Fluid compatibility

- 1) Materials within the system exposed to reactive fluids, both directly and as a result of single point failures when failure propagation effects cause hazardous operation of interfacing hardware shall be compatible with that fluid in their application.

NOTE Example of reactive fluids are liquid oxygen (LOX) and gaseous oxygen (GOX).

- 2) The compatibility of materials which are or can come into contact with LOX or GOX shall be evaluated except the case specified in the requirement 5.1.11d.

NOTE See NASA-STD-6001 Tests No. 13 and No. 14.

- 3) In case no compatibility data are available, tests shall be performed for reactive fluids other than oxygen.

NOTE See NASA-STD-6001 Test No. 15.