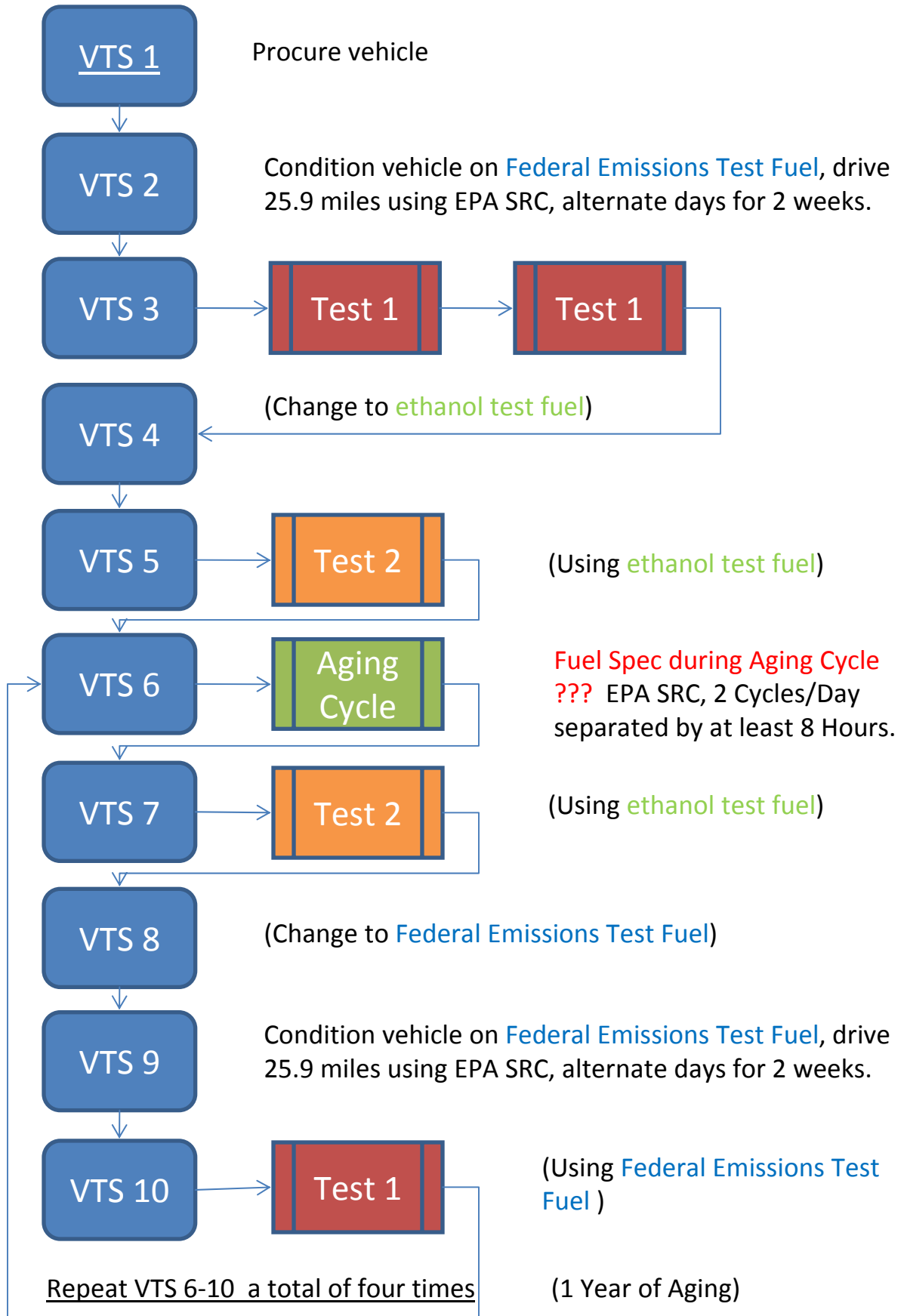
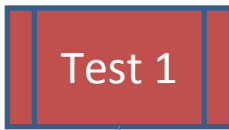


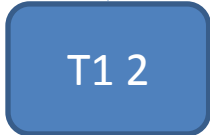
CRC Vehicle Test Sequence, Project E-

91





Perform EPA Hot Soak (EPA temperature, with speciation).



Perform 2-Day VTD (EPA temperatures, with speciation). Innova measurement of ethanol or other speciation technique shall be performed for each hot soak and diurnal day.

Test 2

T2 1
CRC E-
77.2

Drain & 40% Fill with appropriate test fuel

T2 2
CRC E-
77.2

Road preconditioning (4) LA-4 Road
Equivalents (30 miles of driving)

T2 3
CRC E-
77.2

Drain & 40% Fill with appropriate test fuel

T2 4
CRC E-
77.2

Overnight park @ 86 F

T2 5
CRC E-
77.2

Move to VT SHED, connect test
instrumentation Stabilize @ 86 F

T2 6
CRC E-
77.2

1 hour permeation rate test
½ hour tank pressure, ½ hour fuel system
pressurized test

T2 7
CRC E-
77.2

Transfer to RL – SHED, connect
instrumentation & stabilize @ 86 F

T2 8
CRC E-
77.2

Perform dynamic constant ambient
temperature permeation test, (2) LA92
driving cycles, 1 Hour Hot Soak

T2 9
CRC E-
77.2

Drain & 40% fill , precondition with (4) LA-4
Road Cycles, drain & fill, Soak @ 65 F

T2 10
CRC E-
77.2

Standard Temp 2-Day Diurnal Evaluation
Stabilize at 72 F for 24 hours minimum
Perform 48 hour 72 – 96 F VT diurnal test

AGE 1

Drive (1) EPA Standard Road Cycle (SRC) on a test track (25.9 Miles, 46.3 Avg speed)

AGE 2

Minimum of 8 hour soak

AGE 3

Drive (1) EPA Standard Road Cycle (SRC) on a test track (25.9 Miles, 46.3 Avg speed)