2. GENERAL PERFORMANCE STANDARDS AND SPECIFICATIONS

2.1 Performance Standards

A performance standard defines the minimum performance requirements for certification of any system, including associated components. Ongoing compliance with all applicable performance standards shall be demonstrated throughout certification testing. Systems and components shall comply, throughout the warranty period, with the applicable performance standards.

2.2 Performance Specifications

A performance specification is an engineering requirement that relates to the proper operation of a specific system or component thereof. Performance specifications shall be identified in the application for certification. Ongoing compliance with the minimum level of performance specifications identified herein shall be demonstrated throughout certification testing and specified in the certification Executive Orders. Any applicant may request certification to a performance specification that is more stringent than the minimum performance standard or specification. The performance specification to which a system or component is certified shall be the minimum allowable level of performance the component is required to meet throughout the warranty period. Typical performance specifications include, but are not limited to, pressure drop and pressure integrity.

2.3 Innovative System

The innovative system concept provides flexibility in the design of vapor recovery systems. A vapor recovery system that fails to comply with an identified performance standard or specification may qualify for consideration as an innovative system, provided that the system meets the primary emission factor, and complies with all other applicable requirements of certification.

2.4 Additional or Amended Performance Standards or Performance Specifications

Whenever these Certification Procedures are amended to include additional (or modify existing) performance standards or performance specifications, any system that is certified as of the effective date of more stringent standards or specifications shall remain certified until the operative date.

2.4.1 The effective date of adoption for all performance standards and specifications contained herein, except as otherwise specified in Table 2-1, shall be April 1, 2001.

2.4.2 The operative date shall be the effective date of adoption of the more stringent performance standards or specifications, except as otherwise specified below. Certifications shall expire on the operative date of amended or additional performance standards or specifications unless the Executive Officer determines that the system meets the amended or additional performance standards or specifications. Upon the operative date of amended or additional performance standards or specifications, only systems complying with the more stringent performance standards or specifications may be installed. Systems installed prior to this date shall be permitted to remain in use provided they comply with the conditions in Section 19 of this procedure.

2.4.3 In determining whether a previously certified system conforms with any additional performance standards, specifications or other requirements adopted subsequent to certification of the system, the Executive Officer may consider any appropriate information, including data obtained in the previous certification testing of the system in lieu of new testing.

Table 2-1
Effective and Operative Dates for
Performance Standards and Specifications

Performance Type	Requirement	Sec.	Effective Date	Operative Date
All Phase I Standards and Specifications	As specified in Table 3-1	3	April 1, 2001	July 1, 2001
ORVR Compatibility [1]	Interaction of Refueling ORVR Vehicles Shall Not Cause the System to Exceed the applicable Efficiency or Emission Standard, Including ORVR Penetrations to 80%	4.1	April 1, 2001	April 1, 2003
Nozzle Criteria	Post-Refueling Drips ≤ 1 drop/refueling	4.7	April 1, 2003	April 1, 2004
Liquid Retention	≤ 350 ml/1,000 gals.	4.8	April 1, 2001	July 1, 2001
Liquid Retention Nozzle Spitting	≤ 100 ml/1,000 gals. ≤ 1.0 ml /nozzle/fueling	4.8	April 1, 2001	April 1, 2004
Spillage (including drips from spout)	≤ 0.24 pounds/1,000 gallons	4.3	April 1, 2001	April 1, 2004
For GDF > 1.8 mil. gal/yr.	ISD Requirements	App.	April 1, 2003	~~October 1, 2003~~ April 1, 2004
For GDF > 160,000 gal/yr.[2]	ISD Requirements	App.	April 1, 2004	Same
All other Phase II Standards and Specifications	As specified in Tables 4-1 through 8-2.	4,5,6, 7,8	April 1, 2003	~~October 1, 2003~~ April 1, 2004

[1] Effective January 1, 2001, state law requires the certification of only those systems that are ORVR compatible (Health and Safety Code section 41954, as amended by Chapter 729, Statutes of 2000; Senate Bill 1300).
[2] GDF ≤ 160,000 gal/yr are exempted from ISD requirements.