QUALITY ASSURANCE - GENERAL INFORMATION

Products (SE) Pipe Line Corporation, "PPL", transports products with quality controls subject to all requirements of our current FERC Tariff, and in particular, Item 30 of the current Rules & Regulations Tariff.

Products transported within a cycle are sequenced within similar grades and specifications. PPL requires 10,000 barrel minimum batch sizes to maintain product specifications of any given product. PPL maintains the identity of all batches transported; however, PPL must reserve the right to over or under deliver batches resulting from products requiring extraordinary protection, such as reformulated gasolines, low sulfur diesel fuels and jet fuels. These products are scheduled in such a position to allow handling of tank bottoms, leading and trailing interfaces, and to minimize downgrading to lower grade products.

The specifications of batches received by PPL must conform to standards of current ASTM specifications and applicable governmental authority at the scheduled destination. Product specifications for fungible movements are outlined in Section 3 of this manual under the subheading, *Fungible Product Specifications*. In addition to the above specifications, PPL has handling requirements necessary to provide tolerances in certain critical quality control areas.

REID VAPOR PRESSURE CHART

Based on the maximum vapor pressures listed under ASTM D4814 Table 4 Schedule of U.S. Seasonal and Geographical Volatility Classes at the time and place of delivery.

State	January	February	March	April
Louisiana	13.5	13.5	13.5	11.5
Mississippi	13.5	13.5	13.5	11.5
Alabama	13.5	13.5	13.5	11.5
Georgia	13.5	13.5	13.5	11.5
Tennessee	15.0	13.5	13.5	13.5
South Carolina	13.5	13.5	13.5	13.5
North Carolina	15.0	13.5	13.5	13.5
Virginia	15.0	15.0	13.5	13.5
District of Columbia	15.0	15.0	13.5	13.5
Maryland	15.0	15.0	15.0	13.5

REID VAPOR PRESSURE CHART
(continued)

	VOC Control Period				
State	**May**	**June**	**July**	**August**	**Sept. 1-15**
Louisiana	9.0	9.0	9.0	9.0	9.0
Mississippi	9.0	9.0	9.0	9.0	9.0
Alabama	9.0	9.0	9.0	9.0	9.0
Georgia	9.0	9.0	9.0	9.0	9.0
Tennessee	9.0	9.0	9.0	9.0	9.0
South Carolina	9.0	9.0	9.0	9.0	9.0
North Carolina	9.0	9.0	9.0	9.0	9.0
Virginia	9.0	9.0	9.0	9.0	9.0
District of Columbia	9.0	9.0	9.0	9.0	9.0
Maryland	9.0	9.0	9.0	9.0	9.0

	VOC Control Period			
State	**Sept. 16-30**	**October**	**November**	**December**
Louisiana	11.5	11.5	13.5	13.5
Mississippi	11.5	11.5	13.5	13.5
Alabama	11.5	11.5	13.5	13.5
Georgia	11.5	11.5	13.5	13.5
Tennessee	11.5	13.5	13.5	15.0
South Carolina	11.5	13.5	13.5	13.5
North Carolina	11.5	13.5	13.5	15.0
Virginia	11.5	13.5	15.0	15.0
District of Columbia	11.5	13.5	15.0	15.0
Maryland	11.5	13.5	15.0	15.0

OZONE NON-ATTAINMENT AREAS ON THE PPL SYSTEM

Location	***Maximum RVP (after oxygenate blending)***				
	May	***June***	***July***	***August***	***Sept. 1-15***
District Of Columbia *Entire Area*	7.4				
Maryland *Baltimore Area* Anne Arundel, Baltimore, Carroll, Hartford, & Howard Counties, City of Baltimore *Washington, DC Area* Calvert, Charles, Frederick, Montgomery & Prince George's Counties	7.4				
Virginia *Richmond Area* Charles City, Chesterfield, Hanover, & Henrico Counties, Colonial Heights, Hopewell, & Richmond *Washington Area* Fairfax, Loudon, Prince William & Stafford Counties, Alexandria, Fairfax, Falls Church, Manassas, Manassas Park, Arlington	7.4				

Note: All other locations on the PPL system are classified as Ozone Attainment areas.

Product Transfer Documents

PPL shall use its delivery ticket with product code to satisfy the requirements for product transfer documentation, since PPL's product code reflects all the information required in Sections § 1090.1150.

PPL considers custody transfer tickets from other connecting carriers acceptable to meet product transfer documentation requirements; provided that we have reference documents available to understand all codes on the custody transfer tickets.

Fungible Product Specifications

Fungible product specifications are available for reformulated gasolines in subheading, *Fungible Product Specifications*, in Section III of this manual.

Non-Compliant Reformulated Gasoline

A movement of RFG gasoline that does not meet the product specifications outlined in Section 3, *Product Specifications*, shall be designated by PPL as non-compliant RFG. PPL shall not make this determination until additional testing has been performed on this movement, which may include the use of an independent testing service.

In the event there is a discrepancy between the customer's certificate of analysis test results and PPL's test results, a determination by an independent testing service may be made. If there is insufficient time to consult an independent testing service, PPL's test results shall prevail.

The Quality Control Team shall determine if a movement of RFG is non-compliant. In the case of non-compliant RFG, a Quality Control Team member shall notify the appropriate customer contact that the movement is not in compliance with EPA RFG regulations and as such, is not suitable for motor vehicle use in an area requiring RFG. This notification may initially be by phone, but shall be followed by a written document.

If possible, the customer shall have the option of changing distribution of the batch to a geographic location where the batch meets the applicable standard (e.g., VOC Region 1 to conventional gasoline). Otherwise, upon arrival into the customer's terminal, PPL will request that the customer designate the gasoline as not complying with EPA RFG regulations.

A Quality Control Team member shall issue special sampling and testing instructions for a non-compliant or suspected non-compliant RFG movement to all downstream testing locations, if deemed necessary. In the case of non-compliant RFG gasoline, a Quality Control Team member shall also provide a written or electronic document to all PPL tank farm locations indicating that the movement is not in compliance with EPA RFG regulations and as such, is not suitable for motor vehicle use in an area requiring RFG. The document shall also indicate that PPL has determined through its sampling & testing program that this product exceeds the applicable standard for its intended use. This document shall be maintained at each PPL tank farm during the time that the movement is in that tank farm.

The Quality Control Team shall record and maintain all data pertinent to the non-compliant RFG movement.

Documentation

The Quality Control Team shall sufficiently document all aspects of PPL's RFG Monitoring Program so that an audit of the program can be readily performed.

This documentation, along with customer laboratory reports, shall be maintained by PPL for a period of five years. PPL's batch number for the movement shall serve as identification for the movement.

Revisions

This document cancels and supersedes any previously issued versions of PPL's RFG programs, policies or guidelines on EPA RFG regulations at the time of publication.

[C]

Delete Schedule of RVP movements below

Schedule of RVP Movements

Lift Date			January							February						March						April						May						June					
from Collins			1	6	11	16	21	26	31	5	10	15	20	25	2	7	13	18	23	28	2	7	12	17	22	27	2	7	12	17	22	28	2	7	12	17	22	27
Product Description			Cycle																																				
Grade	Type	RVP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
F, H	1	7.4																																				
	3	11.5																																				
	4	13.5																																				
	5	15.0																																				
W	**3**	**12.5**																																				
	4	**14.5**																																				
L	2	10.0																																				
	3	12.5																																				
	4	14.5																																				
U	2	10.0																																				
	3	12.5																																				
	4	14.5																																				

Note: The shaded areas indicate the cycles in which a particular grade can be transported.

New "W" grade schedule

Change to RVP limit; RVP of 7.1 at origin

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Delete Schedule of RVP Movements Below

[C]

Schedule of RVP Movements

Lift Date from Collins			July						August						September						October						November						December					
			2	7	12	17	22	27	2	7	12	17	22	27	1	6	11	16	21	26	1	6	11	17	22	27	1	6	11	16	21	26	1	6	11	16	21	26
Product Description			Cycle																																			
Grade	Type	RVP	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
F, H	1	7.4																																				
	3	11.5																																				
	4	13.5																																				
	5	15.0																																				
W	**3**	**12.5**																																				
	4	**14.5**																																				
L	2	10.0																																				
	3	12.5																																				
	4	14.5																																				
U	2	10.0																																				
	3	12.5																																				
	4	14.5																																				

Note: The shaded areas indicate the cycles in which a particular grade can be transported.

New "W" grade schedule

(continued from previous page)

[N] *Figure 1*

Products (SE) Pipe Line Corporation

Schedule of RVP Movements
2025

Lift Times			January						February						March						April						May						June					
from Collins			1	6	11	16	21	26	31	5	10	15	20	25	2	7	12	17	22	27	2	7	12	17	22	27	2	7	12	17	22	28	2	7	12	17	22	27
duct Descrip			Cycle																																			
Grad	Type	RVP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
F, H	1	7.4							X																													
	3	12							X																													
	4	14							X																													
	5	15.0							X																													
W	3	12.5							X																													
	4	14.5							X																													
L	2	10.0							X																													
	3	13							X																													
	4	15							X																													
U	2	10.0							X																													
	3	13							X																													
	4	15							X																													

Lift Times			July						August						September						October						November						December					
from Collins			2	7	12	17	22	27	2	7	12	17	22	27	1	6	11	16	21	26	1	6	11	17	22	27	1	6	11	16	21	26	1	6	11	16	21	26
duct Descrip			Cycle																																			
Grad	Type	RVP	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
F,H	1	7.4																																				
	3	12																																				
	4	14																																				
	5	15.0																																				
W	3	12.5																																				
	4	14.5																																				
L	2	10.0																																				
	3	13																																				
	4	15																																				
U	2	10.0																																				
	3	13													x	x																						
	4	15																																				

Note: The shaded areas indicate the cycles in which a particular grade can be transported and Green are updates.

Grades F, H, U - Will only move one RVP per grade - Please contact Scheduler if RVP Schedule should be adjusted due to delivery times.

RVP at origin 7.1

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Products (SE) Pipe Line Corporation

Schedule of RVP Movements

2025

Lift Times			January						February						March						April						May						June					
from Collins			1	6	11	16	21	26	31	5	10	15	20	25	2	7	12	17	22	27	2	7	12	17	22	27	2	7	12	17	22	28	2	7	12	17	22	27
duct Descrip			Cycle																																			
Grad	Type	RVP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
F, H	1	7.4							X																													
	3	12							X																													
	4	14							X																													
	5	15.0							X																													
W	3	12.5							X																													
	4	14.5							X																													
L	2	10.0							X																													
	3	13							X																													
	4	15							X																													
U	2	10.0							X																													
	3	13							X																													
	4	15							X																													

Lift Times			July						August						September						October						November						December					
from Collins			2	7	12	17	22	27	2	7	12	17	22	27	1	6	11	16	21	26	1	6	11	17	22	27	1	6	11	16	21	26	1	6	11	16	21	26
duct Descrip			Cycle																																			
Grad	Type	RVP	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
F,H	1	7.4																																				
	3	12																																				
	4	14																																				
	5	15.0																																				
W	3	12.5																																				
	4	14.5																																				
L	2	10.0																																				
	3	13																																				
	4	15																																				
U	2	10.0																																				
	3	13																																				
	4	15																																				

Note: The shaded areas indicate the cycles in which a particular grade can be transported and Green are updates.

Grades F, H, U - Will only move one RVP per grade - Please contact Scheduler if RVP Schedule should be adjusted due to delivery times.

RVP at origin 7.1

Rev.07/02/2025