

Effective Date: 12/1/2015

WestTex 66 Pipeline

Powder River Pipeline Natural Gas Liquids Specifications

Current Publication Date: 12/1/2015

Previous Publication Date: 8/6/2013

Revision Notes:

Updated to comply with latest Enterprise specifications, including methanol limit of 200 ppm max.

Effective Date: 12/1/2015

WestTex 66 Pipeline

Destinations:

Trac66 Code(s):

NY1

Borger Refinery;
 TransTexas/Skelly-Bellview;
 Enterprise Mid-America Pipeline (MAPL)

**Powder River Pipeline
 Natural Gas Liquids Specifications**

NGL, Demethanized NGL Mix (Y-1 Grade)

Property	Test Method	Units	Min	Max	Specific	Note#
Composition (Comp.)- See Below	GPA-2186	lv%				
Comp.- Carbon Dioxide, lv% of Ethane	GPA-2186	lv%		.35		
Comp.- Methane, lv% of Total lv%	GPA 2186	lv%		.50		1
Comp.- Methane, lv% of Ethane lv%	GPA-2186	lv%		1.50		1
Comp.- Ethane, lv% of Total lv%	GPA-2186	lv%	report			
Comp.- Aromatics, lv% of C ₅ + lv%	GPA-2186	lv%		10.0		
Comp.- Olefins, lv% of Total lv%	GPA-2186	lv%		1.0		2
Vapor Pressure	ASTM D1267 or D2598 @ 100°	psig		600		3
Copper Strip Corrosion	ASTM D1838 @ 100°F for 1 hr	Rating		1		4
Sulfur, Total	ASTM D2784 or D5623	ppmw		150		
Sulfide, Hydrogen (H ₂ S)	ASTM D2420		pass (neg)			
Sulfide, Carbonyl (COS), in Propane	ASTM D5623	ppmw		10		
Distillation- End Pt.	ASTM D2887 or D86	Deg F		375		5
Color, Saybolt	ASTM D6045 or D156		+27			6
Moisture Content- Free Water	Visual @ 34°F			None		
Halides (Including Fluorides)	ASTM D7359	ppmw		1		
Oxygenates- Methanol	ASTM D7423	ppmw		200		7
Product Temperature, <65 mole%		Deg F	40	100		
Product Temperature, >65 mole%		Deg F	40	90		
Other Deleterious Substances	Inspection		see note			7
Test Methods	See Note					8
Most Current Version	See Note					9

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Notes:

1. Includes Nitrogen and Oxygen.
2. Propylene limited to 5.0 lv% max of contained propane, butylene limited to .35 lv% max of contained butanes, and butadiene limited to .01 lv% max of contained butanes.
3. The referee method for this property is ASTM D2598.
4. The use of corrosion masking agents (corrosion inhibitors) is strictly prohibited.
5. This test is to be run on that portion of the mixture having a boiling point of 70F and greater at atmospheric pressure.
6. The referee method for this property is ASTM D156. This test is to be run on that portion of the mixture having a boiling point of 70F and greater at atmospheric pressure.
7. This specification defines only a basic purity for this product. This product is to be free of any contamination or impurities that might render the product unusable for its commonly used applications, or may be injurious to the pipeline's property or the property of 3rd parties, or may interfere with its transmission through the pipeline. Specific contaminants include (but are not limited to) dirt, rust, scale, and other types of solid contaminants, gum, gum-producing substances, oil, inhibitors, masking agents, scavengers, amines, caustics, chlorides, heavy metals, glycol, oxygenates, and inorganic gases or any compound added to enhance the ability to meet these specifications.
8. Test methods designated with the letter "D" are ASTM test methods. The most recent year revision shall be used.
9. The most current version of this specification can be found on the Phillips 66 Pipeline website, www.phillips66pipeline.com.