



Tesoro Logistics
Northwest Product System GP, LLC

Product Quality Control Guidelines

For All Products Bound for NWPS Storage

Effective 11/01/2015

PRODUCT QUALITY CONTROL

Scope

It is Tesoro's NWPS (Northwest Product System) intent to meet or exceed the Product Quality requirements of its customers. To be able to achieve this end, NWPS has implemented a product quality-control procedure for product shipped to NWPS terminals.

Complete product specifications that all shippers will be required to meet are shown in Attachment 1.

Certificate of Analysis

Tesoro NWPS shall require a C of A (Certificate of Analysis) from each Refinery and/or Refinery Laboratory at least One (1) Hour prior to the Batch entering the pipeline for all products received into NWPS. Tesoro NWPS will receive the C of A via the LGSTC (Tesoro Logistics) C of A process which requires this document for every batch shipped on the Pipeline. For Denatured Ethanol receipts into NWPS Terminals a C of A must accompany the bill of lading.

C of A Process

1. Shipper Nominates Barrels
2. Scheduler prepares Monthly Plan and issues Batch Number
3. Shipper prepares product for shipment and prepares C of A
4. Shipper adds Tesoro Batch Number to C of A
5. At least One (1) Hour prior to shipment, C of A sent to Control Center and Salt Lake Pump Station (SLPS)
 - a. No C of A, SLPS calls Control Center and Control Center calls Shipper
 - b. C of A arrives, move to Item "6"
 - c. No C of A, Control Center notifies Shipper that they are in Violation of C of A Process and pipeline will take no responsibility if the product is not in Specification at the Receiving Terminal
 - d. Product is tested at SLPS to verify Product is on Specification. If the Product is Off Specification, the Receiving Terminal (or Terminals) and the Shipper will be notified that the Product is Off Specification and will require an Action Plan to correct the situation
6. Control Center and SLPS compare C of A with Product Specifications
7. C of A meets Specifications
8. Control Center informs SLPS Operator Product is ready to receive and informs Receiving Terminal the Product ETA
9. Batch ships normally
10. SLPS Operator files C of A on Shared Drive

Product Quality Methods

Tesoro NWPS will obtain the same samples as described in the next section and will test for key properties with field analyzers to confirm the correct product was shipped and delivered. Please note that for all Ultra Low Sulfur Diesel Fuels (ULSD) we will test 100% of all product received for sulfur content.

Tesoro NWPS's quality assurance program is composed of three main components, namely:

- Sampling Procedures
- Testing Procedures
- Action Plans

PRODUCT QUALITY CONTROL

Product Tank Inspection

When a tank is taken out of service, inspection for cleanliness shall be undertaken and thorough cleaning carried out if indicated by inspection results. If the inspection reveals Microbial growth or buildup of sediment exceeding approximately 1/5 of the tank bottom surface, cleaning of the tank shall be undertaken. Prompt inspections shall be carried out if there are indications that fuel quality downstream of the tank is unsatisfactory (e.g. short filter life, sediment in finished product, discolored water drainage or slimy deposits per API 1640 Section 6.5).

Inspection for internal mechanical condition shall be carried out in accordance with local regulatory requirements or per API 653.

Sampling Procedures

Retention: All terminal receipt samples will be retained for 30 days after exhaustion of the Batch unless otherwise notified.

Tank Sampling Tanks will be sampled after each batch receipt or at least Weekly using API 1640 and/or EI 1595 Guidelines.

Ethanol Receipts from trucks will be randomly sampled and tested. Tank Composite Samples are to be collected and tested on a bi-weekly basis.

ULSD receipts are to be to isolated tanks and a composite sample is to be collected and tested before the tank is to be opened to the Truck Loading Rack.

Marine Vessels (Barges) Each barge compartment will be sampled and visually checked, the samples will be composited for each shipped and product grade, prior to discharge, using API 1640 and/or EI 1595 Guidelines.

Microbiological Testing Testing for Microbiological contamination shall be carried out for each product tank for all products. Samples may be collected from tank bottoms or water draws. If unable to collect water from the bottom of the tank via the tank water draw, other means of obtaining water samples (i.e. Bacon Bomb Samples) should be used. Microbiological Growth Testing shall be conducted at a minimum of every Six Months. More frequent testing should occur when appropriate samples indicate Microbiological activity or when downstream Microbiological Growth is reported.

New Product Acceptance (Pipelines)

Contact: Contact the Quality Assurance Department;
Dennis Burchell
Measurement & QC Specialist
Tesoro Logistics
Dennis.R.Burchell@tsocorp.com
801-606-2150 Office
713-775-1198 Mobile

Product: Provide Description of product requesting to be shipped on the Pipeline System or Systems.

Specifications: Provide ASTM Specifications for the product requesting to be shipped on the Pipeline System or Systems.

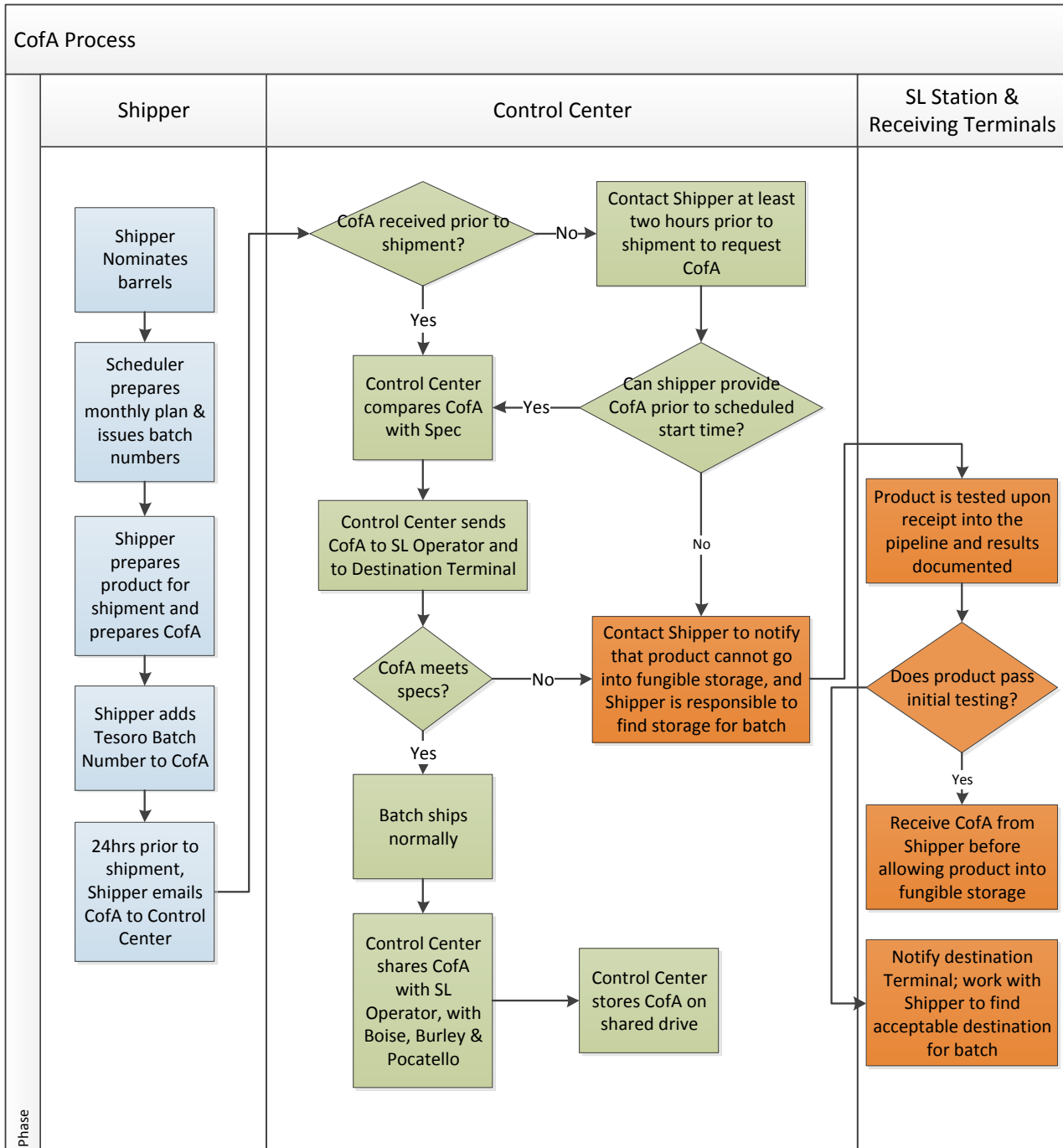
C of A: Provide a Laboratory Certificate of Analysis to be reviewed by the Quality Assurance Department.

PRODUCT QUALITY CONTROL

Quantity: Provide the initial quantity requesting to be shipped on the Pipeline System or Systems.

MOC: A Management Of Change document will be generated and approved by the Quality Assurance Department and Management before the new product can be received.

Batch No: After MOC approval, a Batch Number will be issued by the Scheduling Department and the Control Center will determine and advise the shipper when the product can be shipped through the Pipeline System or Systems.



Phase

PRODUCT QUALITY CONTROL

Testing Procedures

Marine Vessels (Barges) Upon Arrival at Pasco

All testing is performed on a blended compartment composite sample for each product grade, before discharging to shore tankage (see Attachment 3 for Process to Evaluate Field Testing Results):

ULSD	Other Diesels	Gasoline	Ethanol	Jet
Visual	Visual	Visual	Visual	Clear and Bright
API Gravity	API Gravity	API Gravity	API Gravity	API Gravity
Flash	Flash	Octane	Acidity	Color
Sulfur		RVP	Water Content	Flash Point (TCC)
				Microseparometer (MSEP)

Terminals

This testing is performed on each pipeline / barge batch after it is received into a tank and/or on a composite sample from the receiving line at NWPS Terminals. ULSD product tank samples and/or spot samples are to be tested for sulfur immediately after they are obtained.

The following tests will be performed (see Attachment 3 for Process to Evaluate Field Testing Results):

ULSD	Other Diesels	Gasoline	Ethanol (By Truck)	Jet*
Visual	Visual	Visual	Visual	Clear and Bright
API Gravity	API Gravity	API Gravity	API Gravity	API Gravity
Flash	Flash	Octane	Acidity	Color
Sulfur		RVP	Ethanol content (quarterly GC)*	Flash Point (TCC)
Conductivity			Water content	Distillation +
				Conductivity
				Existent Gum+*
				Water Reaction+*
				Microseparometer (MSEP)
				JFTOT+*

Note *: Run by outside laboratory at Boise or by Pasco Terminal Laboratory.

Note +: Not run on Jet batches continuing on to Spokane.

FULL TESTING A Full Test will be performed when a fungible storage tank is off-spec or when it can be reasonably assumed that there are problems with product quality. This testing includes all tests shown on the ASTM specification through a non-NWPS affiliated testing lab.

PRODUCT QUALITY CONTROL

Test Records

FULL TESTING Results of full testing from each Supplier and by an outside laboratory will be filed in a binder by Shipper and by product. Records will be kept for five years after testing. The records will be kept at each terminal office.

CONFIRMATION TESTING Each time a confirmation test is performed, the results will be recorded. A separate log will be kept at each station. The results will be reviewed periodically to assure that quality control measures are adequate to protect product integrity and provide the desired product oversight. Information obtained by tank testing will be shared upon request, but only with participating shippers. Additionally, any shipper may sample any tank for analysis at any time.

Action Plans

Action plans and MOCs are in place to deal with upsets or other conditions which may occur from time to time that are out of the ordinary. These processes describe the actions that will be taken when such an event occurs.

Situations	Actions
<p>1. Product found, as a result of our quality assurance testing, not meeting the NWPS Specifications, in a barge compartment, or a NWPS tank.</p>	<ul style="list-style-type: none"> • <u>In a barge compartment</u> <ul style="list-style-type: none"> • Pasco Operations will notify the terminal and shipper of the incident and assume the lead role to resolve the problem. • In NWPS Tank - NWPS personnel will: <ul style="list-style-type: none"> • Isolate the product and Stop Sales. • Notify all affected parties of the problem. • Work with responsible Party to: <ul style="list-style-type: none"> • Correct the product or remove it from the facility. • Determine the cause of the problem. • Review plans to prevent future occurrences • Responsible Party will be responsible for all costs associated with the incident. These costs may include, but not be limited to: <ul style="list-style-type: none"> • Trucking • Product Down-grading (redesignation) • Tank Cleaning • Testing • Pipeline Down-time • Tank Storage • Barge Demurrage

PRODUCT QUALITY CONTROL

Oversight Program for Sub-Octane Gasoline

This oversight program will have an initial phase for sub-octane entering into the Tesoro Logistics Pipe Line systems for the purpose of collecting baseline data on the octane values for each shipper. After that period there will be an on-going PQ sampling and testing program for Pipeline and NWPS tankage to verify that sub-octane will meet the minimum posted octane requirement for ethanol blended gasoline.

Batches Entering Tesoro Logistics Pipeline

Beginning on July 15th, 2015 Tesoro Logistics Pipe Line has agreed to draw 3 samples from each shipper for each grade of Sub-Octane product entering the pipeline at the Salt Lake Pump Station. The following tests will be run on these samples:

- 1) The octane value (R+M/2) will be determined using ASTM D2700 or D2699 on the “as-is” sample.
- 2) The octane value (R+M/2) will be determined after blending with ethanol to a 9:1 gasoline to ethanol ratio, **10% ethanol by volume.**

If all testing shows that minimum posted octane is reached for the ethanol blended samples, sampling and testing of in-coming sub-octane product for each shipper will convert to quarterly verification testing.

Northwest Product System Tankage

Beginning July 15th, 2015 and continuing on a monthly basis thereafter, a one gallon tank sample will be drawn for each sub-octane grade at Pasco, Boise, and Pocatello and tested as follows:

- 1.) The octane value (R+M/2) will be determined using ASTM D2700 or D2699 on the “as-is” sample.
- 2.) The octane value (R+M/2) will be determined after blending with ethanol to a 9:1 gasoline to ethanol ratio, 10% ethanol by volume.

- **All test results will be blinded and made available to Position Holders upon request**



**Tesoro Logistics Northwest
Product System LLC**

ATTACHMENT 1

PRODUCT SPECIFICATIONS

**Tesoro Northwest Product
System
Product Codes**

Tesoro Logistics Product Code	Description	Octane	Destination
R1	Regular Unleaded Sub-Octane Gasoline	81.3	Burley/Pocatello (pre Ethanol)
R4	Regular Unleaded Sub-Octane Gasoline	84.0	Boise/Pasco (pre Ethanol)
R5	Regular Unleaded Gasoline	85.0	
M9	Midgrade Unleaded Gasoline	89.0	
P0	Premium Unleaded Sub-Octane Gasoline	90.0	Pasco (pre Ethanol)
P1	Premium Unleaded Gasoline	91.0	
P2	Premium Unleaded Gasoline	92.0	
P8	Premium Unleaded Sub-Octane Gasoline	88.0	Boise/Burley/Pocatello (pre Ethanol)
1D15	#1D 15 ppm sulfur motor vehicle diesel fuel		All
2D15	#2D 15 ppm sulfur motor vehicle diesel fuel		All
LM500	#2D 500 ppm sulfur motor vehicle Diesel fuel		
	B5-#2D 15 ppm sulfur motor vehicle diesel fuel		Pasco Terminal Rack Sales Only
	Denatured Ethanol		Boise / Pasco
JP8	Military Jet Fuel		
JET	Commercial Jet Fuel		Boise / Pasco

Tesoro Northwest Product System
Origin Product Specification
Denatured Ethanol – ETOH Must
Meet ASTM D 4806-13a

Product Property	ASTM Test Method	Specifications Minimum	Maximum	Note
Appearance				Bright & Clear - Appearance Visibly free of suspended or precipitated contaminants
Ethanol, volume %	D 5501	92.1		
Methanol, volume %			0.5	
Solvent-washed gum, mg/100 mL	D 381		5.0	
Water content, volume %, ,	E 203 or E 1064		1.0	
Denaturant content, volume %, ,		1.96	4.76	
Inorganic Chloride content, mass ppm (mg/L)	Mod. D512 Method C		40	
Copper content, mg/kg	Mod. D 1688, Test Method A		0.1	
Acidity (as acetic acid CH ₃ COOH), mass % (mg/L),	D 1613		0.007 (56)	
pHe	D 6423	6.5	9.0	
Sulfur, ppm (wt./wt).	D 2622, D 3120 D 5453 D 7039		30	
Sulfate, mass ppm	D 7318 D 7319 D 7328		4	

DIESEL – ASTM D975 - 14a

Test	ASTM	Specification	Difference from Certificate of Analysis
<u>CONTROL CHECK (PIPELINE)</u>			
Visual Appearance	D4176	Clear & Bright	
API Gravity	D2709 & D1500	Water 0.05/Sediment 0.50	Maximum
Flash Point	D4052	30.0 - 42.0 (876-816)	±0.5 (If outside tolerance email Dennis)
Microsep	D93a	Min 126 ° F	±5° F (If outside tolerance email Dennis)
Sulfur	D7224	Min 80	Minimum
Conductivity	D5453 & D7039	15 PPM	Maximum
	D2624 & D2654	25 Ps/M	Maximum (Head and Comp, all batches)
<u>REFINERY C OF A (CERTIFICATE OF ANALYSIS, ASTM D975) (additional)</u>			
Distillation 90%	D86	539° F / 640 ° F	Min / Max
EP (FBP)	D86	698 ° F	Maximum
Residue Vol%	D86	2.0	Maximum
Loss Vol%	D86	2.0	Maximum
Viscosity	D445	1.3 / 4.1	Min / Max
Ash	D482	0.01	Maximum
Aromatics	D1319	25 volume %	Maximum
Copper Strip	D130	#3	Maximum
Corrosion at 122° F			
Cetane	D4737a & D976-80	#40.0	Minimum
Lubricity	D6079	520	Maximum
Haze	D4176	2	Maximum
Thermal Stability	D6468	80	Minimum
Lubricity	D6079	520	Maximum
<u>SUMMER / WINTER BLENDS</u>			
Cloud Point	D2500	Oct 1 to Feb 28: +6	Maximum
		Mar 1 to Mar 31: +24	Maximum
		Sep 1 to Sep 30: +24	Maximum
		Apr 1 to Aug 31: +32	Maximum
<u>Refining/Terminal Tests (not specs)</u>			
Additional Testing:			
Filterability	D4539		
Cold Filter Plugging Point	D6371	0.35	Maximum
Rams bottom Carbon Residue	D524		

GASOLINE – ASTM D4814 – 14b

Test	ASTM	Specification	Difference from Certificate of Analysis
<u>CONTROL CHECK (PIPELINE)</u>			
Visual Appearance		Clear & Bright	
API Gravity	D4176	Water and Sediment	
Octane	D4052	Minimum 60.0 (739)	±0.5 (If outside tolerance email Dennis)
RVP	D2700 & D2699	80.0, 84.0, & 88.0	Minimum NOTE:
	D5191	Mar 16 to Sep 15: 9.0	Maximum
		Sep 16 to Sep 30: 10.0	Maximum
		Mar 1 to Mar 15: 11.5	Maximum
		Oct 1 to Oct 30: 11.5	Maximum
		Feb 16 to Feb 28: 13.5	Maximum
		Nov 1 to Nov 30: 13.5	Maximum
		Dec 1 to Feb 15: 15.0	Maximum
<p>NOTE: Each Shipping Agent is responsible to pass random testing at random Service Stations (Minimum 85.0, 87.0, and 91.0 Octanes).</p>			
<u>REFINERY C OF A (CERTIFICATE OF ANALYSIS, ASTM D4814) (additional)</u>			
Distillation (°F)	D86	10%	Max 140
Distillation (°F)	D86	50%	Max 240
Distillation (°F)	D86	90%	Max 365
Distillation (°F)	D86	FBP	Max 437
Distillation (°F)	D86	Residue Vol %	Max 2
Distillation (°F)	D86	Drivability Index	(Refer to RVP Section Pg. 7)
Copper Strip Corrosion	D130	#1b	Maximum
Oxidation	D525	240	Maximum
Sulfur	D3227, D2622, & D5453	80	Maximum
Benzene (Wt. %)	D3606	4.9	Maximum
V/L Ratio	D4814 & D5188	Dec 1 to Feb 15: 105	Minimum
		Feb 16 to Feb 28: 116	Minimum
		Nov 1 to Nov 30: 116	Minimum
		Mar 1 to Mar 15: 122	Minimum
		Oct 1 to Oct 30: 122	Minimum
		Mar 16 to Sept 15: 129	Minimum
Corrosion, Silver Strip	D7671	1	Maximum
Gums	D381	5	Maximum
Oxygenates	D4815	Report	
Hydrocarbon Type	D1319	Report	

JET A – ASTM D1655

Test	ASTM	Specification	Difference from Certificate of Analysis
<u>CONTROL CHECK (PIPELINE)</u>			
Visual	D4860	Clear & Bright	
Condition/Appearance - Visual	D4176, D6045	Water White/Pale Straw	
API Gravity	D1298, D4052	37.0 - 51.0 (840-775)	±0.7 (If outside tolerance email Dennis)
Flash Point	D-39A D3948	Min 108 ° F Only on Comp.	±5° F (If outside tolerance email Dennis)
Conductivity	D2624	Max 10 Ps/M	
Microsep	D7224	Min 85	
Conductivity	D2624 & D2654	10 Ps/M	Maximum (Head and Comp all batches)
<u>RECERTIFICATION TESTS (additional)</u>			
Existent Gum	D381, IP540	Max 7 Mg/100ml	test is negative
Water reaction – interface rating	D1094	Max 1B	
Water reaction – separation rating	D1094	Max 2	
Conductivity	D2624	Less Than 10 pS/m	
Color – Saybolt	D156	Min +12	Manufacturing spec
JFTOT – pressure drop	D3241	Max 25 mmHg	
JFTOT – deposit code	D3241	Max 3	
Distillation – 10% point	D86, D2887	Max 400° F	±5° F
Distillation – end point	D86, D2887	Max 572° F	±5° F
Distillation – residue	D86, D2887	Max 1.5 volume %	
Distillation – loss	D86, D2887	Max 1.5 volume %	
<u>REFINERY C OF A (CERTIFICATE OF ANALYSIS, ASTM D1655) (additional)</u>			
Freeze Point	D5972 (D2386)	Max –40° C	±2° C
Acid No.	D3242	Max 0.10 Mg KOH/g	
Aromatics	D1319	Max 25 volume %	
Copper Strip Corrosion at 212° F	D130	Max 1b	
Mercaptan Sulfur	D3227	Max 0.003 mass %	
Naphthalenes	D1840	Max 3.0 volume %	
Net Heat of Combustion	D3338, D4529, D4809	Min 18,400 btu/lb	
Smoke Point	D1322	Min 18.0 mm	
Sulfur, Mercaptan mass%	D3227	Max 0.003 mass %	
Sulfur, total mass%	D4294	Max 0.1500 mass %	
Viscosity	D445 – kin. at -20° C	Max 8.0 cSt	
<u>Refining/Terminal Tests (not specs)</u>			
Filter membrane gravimetric	D2276, D5452	Max 1.0 mg/gal	
Filter membrane color	D3830	Max 2 (dry)	To truck rack or pipeline to airport
Water content		Max 15 ppm	

TESORO NORTHWEST PRODUCT SYSTEM

Product Specification

Gasoline RVP/Volatility Schedule

Ship Dates	Boise & Pocatello Terminals		Pasco Terminal	
	Class at P/L origin †	Class at Terminal ‡	Class at P/L origin †	Class at Terminal ‡
Jan 1–15	E-5	E-5	E-5	E-5
Jan 16–31	E-5	E-5	E-5	E-5
Feb 1–15	E-5	E-5	E-5	E-5
Feb 16–28	D-4	E-5	D-4	E-5
Mar 1–15	C-3	D-4	A-4	D-4
Mar 16–31	A-4	D-4	A-4	A-4
Apr 1–15	A-3	D-4	A-4	A-4
Apr 16–30	A-3	A-3	A-4	A-4
May 1–15	A-3	A-3	A-4	A-4
May 16–31	A-2	A-3	A-3	A-4
June 1–15	A-2	A-2	A-3	A-3
June 16–30	A-2	A-2	A-2	A-3
July 1–15	A-2	A-2	A-2	A-2
July 16–31	A-2	A-2	A-2	A-2
Aug 1–15	A-2	A-2	A-2	A-2
Aug 16–31	A-2	A-2	A-2	A-2
Sept 1–15	A-2	A-2	A-2	A-2
Sept 16–30	B-2	B-2	C-3	C-3*
Oct 1–15	C-3	C-3	D-4	D-4*
Oct 16–31	C-3	C-3	D-4	D-4*
Nov 1–15	D-4	D-4	D-4	D-4
Nov 16–30	D-4	D-4	D-4	D-4
Dec 1–15	E-5	E-5	E-5	E-5
Dec 16–31	E-5	E-5	E-5	E-5

† LGSTC maintains the right to specify the RVP of any gasoline it receives into its systems in order to meet RVP requirements at NWPS terminals.

‡ Refers to Class designation as specified in ASTM D 4814

* Pasco Gasolines not to be delivered into Southern Idaho during these periods.

Gasoline RVP / Volatility Requirements

Vapor Pressure and Distillation Class Requirements									Vapor Lock Class		
Class	RVP Max. psi	10% Dist. Pt. °F Max	50% Dist. Pt. °F Min	50% Dist. Pt. °F Max	90% Dist. Pt. °F Max	Dist. End Pt. °F Max	Dist. Residue Vol. %	DI Max *	Class	T V/L °F Min	
AA	7.8	158	170	250	374	437	2	1250	1	129	
A	9.0	158	170	250	374	437	2	1250	2	122	
B	10.0	149	170	245	374	437	2	1240	3	116	
C	11.5	140	170	240	365	437	2	1230	4	116	
D	13.5	131	170	235	365	437	2	1220	5	105	
E	15.0	122	170	230	365	437	2	1200			

Note *: Driveability Index is calculated as follows:

Driveability Index (DI) = 1.5 T10 + 3.0 T50 + 1.0 T90 + 2.4°F (1.33°C) X Ethanol Volume % (ethanol factor is zero for products delivered without ethanol).

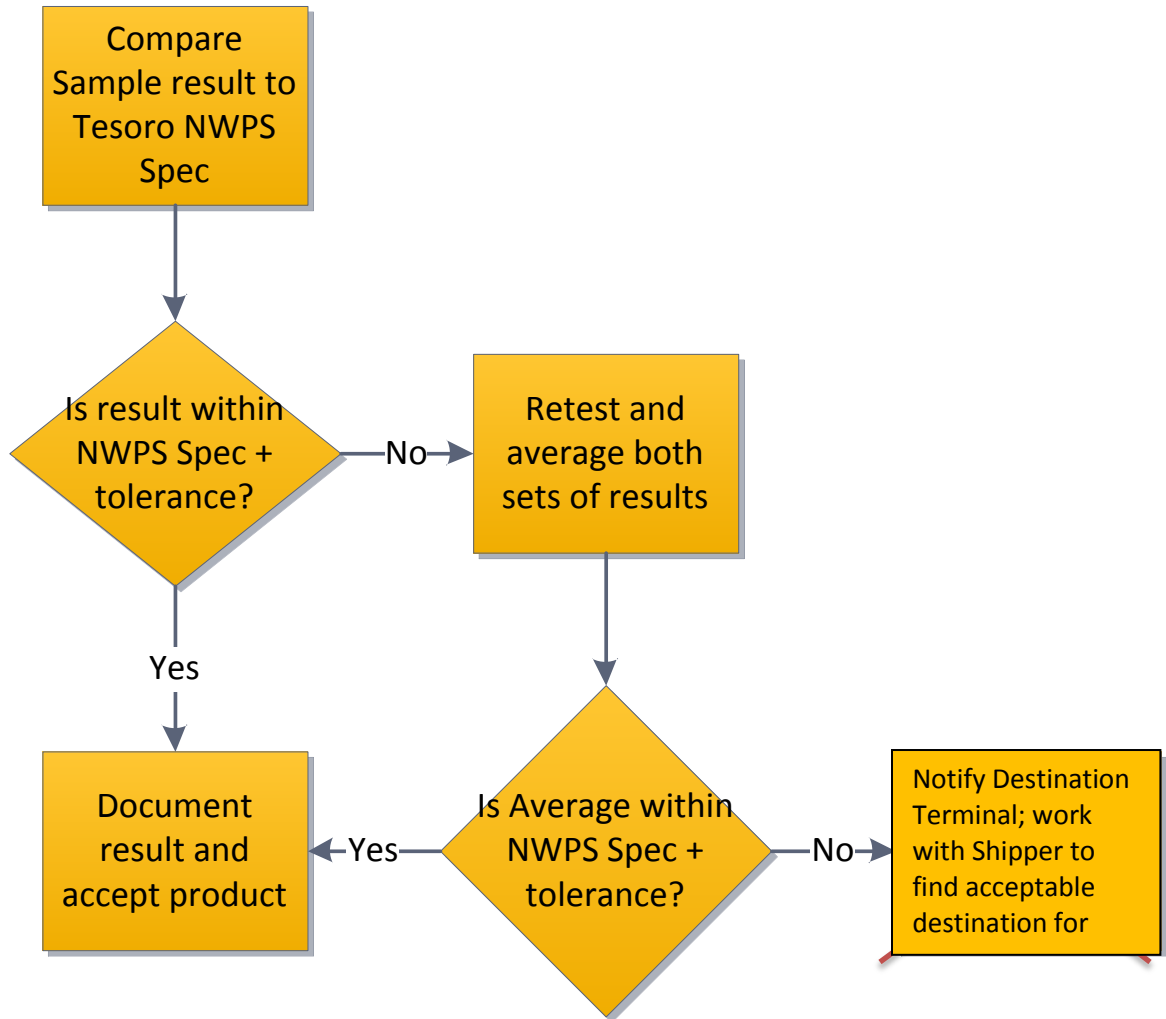
Note: Product received at NWPS Terminals must not contain MTBE.



ATTACHMENT 3

PROCESS TO EVALUATE FIELD TESTING RESULTS

Tesoro Northwest Product System Process To Evaluate Field Testing Results



Tesoro Northwest Product System Field Test Tolerances For Products

	Max or Min	Tolerance	Action
Gasolines			
RVP	Max	0.3 psi	See Flowchart.
Octane (R+M)/2	Min	0.6 for ≥ 88 and 0.7 for < 88	See Flowchart.
Appearance		Bright & Clear	If product appears hazy or contains visible particulate mater, isolate product in a tank to allow it to settle. Contact shipper and CONTROL CENTER.
API - Gravity	+ or -	0.5 deg. API	If off + or - 0.5 deg. API, have sample tested for distillation. Notify Dennis.
Diesel			
Flash	+ or -	0.5 Deg. F	Email Dennis if out of tolerance.
Sulfur	Max	15 PPM	See Flowchart
Visual		Bright & Clear, No Dye	If product appears hazy or contains visible particulate mater, isolate product in a tank to allow it to settle. If product appears to have dye in it, contact shipper and CONTROL CENTER. Test product for dye. If it has dye, keep product isolated.
API Gravity	+ or -	0.5 deg. API	Email Dennis if out of tolerance.
Conductivity	Max	25 pS/m	No Tolerance allowed. Must meet Specification. If results do not meet Specification, isolate product, and notify shipper and CONTROL CENTER.
MSEP	Min	80	No Tolerance allowed. Must meet Specification. If results do not meet Specification, isolate product, and notify shipper and CONTROL CENTER.
Ethanol – (ASTM D4806)			
Water Content, Vol %	Max	1.0	See Flowchart.
Acidity, mass %	Max	0.007	See Flowchart
Visual		Bright & Clear	If product appears hazy or contains visible particulate mater, isolate product in a tank to allow it to settle.
API Gravity		0.5 deg. API	See Flowchart.
Jet (Run by Outside Laboratory, except at PASCO)			
Condition	Max	10 Ps/W	If results do not meet specification, isolate product, and notify shipper and CONTROL CENTER.
API Gravity	+ or -	0.7 deg. API	Must be within test tolerance of the gravity as shipped by Shipper. Weighted Average may be used in tanks with a heel of previous product. If results don't meet this requirement, isolate product, and notify shipper and CONTROL CENTER.
Color		None	No Tolerance allowed. Must meet specification when all tests are averaged. If results do not meet specification, isolate product, and notify shipper and CONTROL CENTER.
Flash Point (TCC)	+ or -	0.5 Deg.	If results do not meet specification, isolate product, and notify shipper and CONTROL CENTER.
Distillation		None	No Tolerance allowed. Must meet Specification. If results do not meet Specification, isolate product, and notify shipper and CONTROL CENTER.
Freeze Point		None	No Tolerance allowed. Must meet Specification. If results do not meet Specification, isolate product, and notify shipper and CONTROL CENTER.
Conductivity	Max	25 pS/m	No Tolerance allowed. Must meet Specification. If results do not meet Specification, isolate product, and notify shipper and CONTROL CENTER.
MSEP	Min	85	No Tolerance allowed. Must meet Specification. If results do not meet Specification, isolate product, and notify shipper and CONTROL CENTER.

Response Procedure Potential DRA Over Injection

