

KINDER MORGAN PACIFIC REGION.
SUPPLIER DIESEL QUALITY CERTIFICATION

SUPPLIER: _____ Date: _____

SOURCED THROUGH: _____ Shipping Tank: _____

TENDER NO.: _____ Date Tested: _____

FLASH POINT (°F) (D-93) _____ API Gravity: _____

SULFUR, ppm (D-2622, D-4294, D-5453, D-7039) _____

EPA On Road Diesel Product Code 84

Cetane Number D-613 _____

Cetane Index D-976 _____ **OR** Aromatic Vol% D-1319, D-5186 _____

This product meets federal requirements for on-highway diesel fuel.

CARB Diesel Product Code 80

(check one)

- This product meets _____ (Company Name) Executive Order Number _____ from the CARB for California motor vehicle diesel fuel including Nitrogen and Polycyclic Aromatic content.
- This product (Prod.code 80) meets CARB fungible diesel specifications; for all third party terminals, product received into a commingled tank at _____ (Company Name) Terminal has been certified as meeting CARB Regulatory Standards.
- This product assigned a Designated Alternative Limit as per CCR §2282 (d)(2) and §2282 (d)(3).
- This product contains no more than 2% max renewable diesel for So. California input.
*Northern California may contain up to 5% max renewable diesel.

This diesel contains no FAME.

Authorized Signature _____ Date _____

Please provide **KM pipeline input location** a copy of this completed report by E-Mail or facsimile at number indicated for each batch tendered:

<u>Location</u>	<u>Facsimile</u>	<u>Business</u>	<u>E-Mail</u>
Concord	(925) 827-2971	(925) 682-6850	CCSPEC@Kindermorgan.com
El Paso	(915) 778-1111	(915) 772-7400	EBSPEC@Kindermorgan.com
Richmond	(510) 232-1729	(510) 233-2027	RMSPEC@Kindermorgan.com
Watson	(310) 763-1698	(323) 636-4447	WASPEC@Kindermorgan.com

KINDER MORGAN PACIFIC REGION
SUPPLIER B-5 DIESEL QUALITY CERTIFICATION

(Shipped on Oregon line only)

SUPPLIER: _____ Date: _____

SOURCED THROUGH: _____ Shipping Tank: _____

TENDER NO.: _____ Date Tested: _____

API Gravity: (D-287) _____

FLASH POINT (°F) (D-93) _____

SULFUR, ppm (D-2622, D-4294, D-5453, D-7039) _____

FAME, vol% (D-7371) _____

CETANE Number (D-613) _____ **OR** CETANE Index (D-976) _____

OR AROMATIC Vol% (D-1319, D-5186) _____

This product meets federal requirements for on-highway diesel fuel.
Biodiesel content of this product meets KMEP specifications for B100 Biodiesel.

Authorized Signature _____ Date _____

Please provide **KM pipeline input location** a copy of this completed report by E-Mail or facsimile at number indicated for each batch tendered:

Location
Portland, OR

Facsimile
(503) 224-1448

Business
(503) 224-3390

E-Mail
PDSPEC@Kindermorgan.com

**KINDER MORGAN PACIFIC REGION
SUPPLIER B100 BIODIESEL QUALITY CERTIFICATION ¹**

SUPPLIER: _____ PRODUCER: _____

BILL OF LADING NO: _____ DATE: _____

			KM Use Only
Flash point °C (°F)	D-93	_____	93° C (199°F) min _____
Acid number, mg KOH/g	D-664	_____	0.50 max _____
Cloud point, °C (°F)	D-2500	_____	10° C (50° F) Summer _____ 1° C (34° F) Winter (OR, WA) _____ 3° C (37 °F) Winter (CA, AZ, NV) _____
Water& Sediment, vol %	D-2709	_____	0.050 max _____
Visual Appearance	D-4176	_____	C & B _____
Free Glycerin, mass %	D-6584	_____	0.020 max _____
Total Glycerin, mass %	D-6584	_____	0.240 max _____
Oxidation stability, Hours @ 110° C (230° F)	EN-14112	_____	4 min _____
Sulfur, mass % ppm	D-5453, D-7039	_____	11 max _____

¹ Biodiesel produced in Oregon is required to have a certification of Feedstock Origination.
This product meets KM specifications for B-100 as published in Section 6.3 of the pipeline specification manual, and the latest revisions of ASTM D-6751.

<p>We certify the above to be true and correct Authorized Signature</p> <p>_____ Date _____</p>

Please provide **KM Location** a copy of this completed report delivered with each rail or road transport delivery.

KINDER MORGAN PACIFIC REGION
SUPPLIER F-76 DIESEL QUALITY CERTIFICATION

SUPPLIER: _____ Date: _____

SOURCED THROUGH: _____ Shipping Tank: _____

TENDER NO.: _____ Date Tested: _____

API Gravity: (D-287, D-1298, D-4052) _____

FLASH POINT (°F) (D-93) _____

SULFUR, ppm (D-1552, D-2622, D-4294) _____

CETANE Number (D-613) _____ **OR** CETANE Index (D-976) _____

In addition to above KM specifications, product must meet MIL-F-16884N or latest revision, with exception to lubricity of fuel below 500 ppm sulfur.

Authorized Signature _____ Date _____

Please provide **KM pipeline input location** a copy of this completed report by facsimile at number indicated for each batch tendered:

<u>Location</u>	<u>Facsimile</u>	<u>Business</u>	<u>E-Mail</u>
Watson	(310) 763-1698	(323) 636-4447	WASPEC@Kindermorgan.com

**KINDER MORGAN PACIFIC REGION
SUPPLIER R99/100 RENEWABLE QUALITY CERTIFICATION ¹**

SUPPLIER: _____ Date: _____
 SOURCED THROUGH: _____ Shipping Tank: _____
 TENDER NO.: _____ Date Tested: _____
 FLASH POINT (°F) (D-93) _____ API Gravity: _____
 SULFUR, ppm (D-2622, D-4294, D-5453, D-7039) _____

KM Use Only	
C & B	_____
11 max	_____

Visual Appearance D-4176 _____
 Sulfur, mass % ppm D-5453, D-7039 _____

This product meets KM specifications for R100/99 as published in Section 6.3 of the pipeline specification manual, and the latest revisions of ASTM D-975.

We certify the above to be true and correct.
 Authorized Signature _____ Date _____

Please provide **KM Location** a copy of this completed report delivered with each rail or road transport delivery.

Location Facsimile Business E-Mail
 Watson (310) 763-1698 (323) 636-4447 WASPEC@Kindermorgan.com