

**KINDER MORGAN PACIFIC REGION  
SUPPLIER QUALITY CERTIFICATION  
TURBINE FUEL**

**SUPPLIER:** \_\_\_\_\_ **SOURCED THROUGH:** \_\_\_\_\_

**TENDER NO:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**KM Use Only**

Flash Point, °F	D-56 or D93	_____	108 °F	_____
Gravity, API	D-1298, D-4052	_____	37.0-51.0	_____
<b>One</b> of the following distillation methods:				
Physical Distillation	D-86	_____	401 °F max	_____
10% recovered, °F		_____	572 °F max	_____
Final Boiling Point, °F		_____		
<b>-- OR --</b>				
Simulated Distillation	D-2887	_____	365 °F max	_____
10% recovered, °F		_____	644 °F max	_____
Final Boiling Point, °F		_____		
Freeze point, °F	D-2386, D-5972	_____	-40 °F max	_____
Copper strip 2 h @ 212°F	D-130	_____	No. 1	_____
Existent Gum Mg/100mL	D-381	_____	7 max	_____
Micro Separometer	D-3948 (Refinery)	_____	85 min	_____
	D-7224(Downstream terminal)	_____		
Particulate Content	D-5452	_____	1.0 mg/L	_____
Thermal Oxidation Stability	D-3241 @ 275° C	_____	<3 VTR -OR-	_____
		_____	<85 nm ETR, ITR	_____
	Press Drop	_____	<25	_____

**(check one)**

This product contains no additives.       This product contains the following approved additives in the amounts specified :  
This product meets requirements of ASTM D-1655, latest version

We certify the above to be true and correct

Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_

Please provide **KM Pipeline Input Location** a copy of this completed report by E-Mail or fax at number indicated below for each batch tendered.

Location	Fax Number	Phone Number	E-Mail	Location	Fax Number	Phone Number	E-Mail
Concord	(925) 827-2971	(925) 682-6850	<a href="mailto:CCSPEC@kindermorgan.com">CCSPEC@kindermorgan.com</a>	El Paso	(915) 778-1111	(915) 772-7400	<a href="mailto:EBSPEC@Kindermorgan.com">EBSPEC@Kindermorgan.com</a>
Watson	(310) 763-1698	(323) 636-4447	<a href="mailto:WASPEC@Kindermorgan.com">WASPEC@Kindermorgan.com</a>	Richmond	(510) 232-1729	(510) 233-2027	<a href="mailto:RMSPEC@Kindermorgan.com">RMSPEC@Kindermorgan.com</a>

**KINDER MORGAN PACIFIC REGION  
SUPPLIER QUALITY CERTIFICATION  
MILITARY JP-5 (1)**

**SUPPLIER:** \_\_\_\_\_ **SOURCED THROUGH:** \_\_\_\_\_

**TENDER NO:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**KM Use Only**

Flash Point, °F	D-93	_____	145 °F	_____
Gravity, API	D-1298	_____	36.0-48.0	_____
Workmanship		_____	C & B	_____
Distillation, Deg. F.	D-86, (D-2887)			
10% rec.		_____	401 (367) max	_____
20% rec.		_____	Report	_____
50% rec.		_____	Report	_____
90% rec.		_____	Report	_____
Final Boiling Point, °F		_____	572 (626) max	_____
Residue %		_____	1.5 (n/a) max	_____
Loss %		_____	1.5 (n/a) max	_____
Freeze point, °C (F)	D-2386 , D-5972	_____	-46 (-51) max	_____
Copper Corrosion	D-130	_____	No. 1	_____
2 h @ 212 °F				
Existent gum	D-381	_____	7.0 max	_____
Mg/100mL				
Water Reaction	D-1094	_____	1 b max	_____
Particulate Content	D-5452	_____	1.0 mg/L	_____

(1) In addition to above KM specifications, product must meet requirements of MIL-DTL-5624W or latest revision.

We certify the above to be true and correct  
 Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_

Please provide **KM Pipeline Input Location** a copy of this completed report by E-Mail or fax at number indicated below for each batch tendered.

<u>Location</u>	<u>Fax Number</u>	<u>Phone Number</u>	<u>E-Mail</u>	<u>Location</u>	<u>Fax Number</u>	<u>Phone Number</u>	<u>E-Mail</u>
Concord	(925) 827-2971	(925) 682-6850	<a href="mailto:CCSPEC@kindermorgan.com">CCSPEC@kindermorgan.com</a>	El Paso	(915) 778-1111	(915) 772-7400	<a href="mailto:EBSPEC@Kindermorgan.com">EBSPEC@Kindermorgan.com</a>
Watson	(310) 763-1698	(323) 636-4447	<a href="mailto:WASPEC@Kindermorgan.com">WASPEC@Kindermorgan.com</a>	Richmond	(510) 232-1729	(510) 233-2027	<a href="mailto:RMSPEC@Kindermorgan.com">RMSPEC@Kindermorgan.com</a>