Inspectorate America
178 Mortland Road
Searsport, Maine 04974
(207)548-6440

INSPECTORATE

QUALITY CERTIFICATE

Vessel	SHORE TANK NO. 3	Port	SEARSPORT, MAINE	Report	SP/01/1219
Customer	SPRAGUE	Date	December 19, 2001	Reference	
Operation	ANALYSIS	Terminal	SPRAGUE	Sample #	578340

Name of material being tested	NO. 6 FUEL OIL 2.0%
Description of sample source	EX. SHORE TANK NO. 3 AFTER DISCHARGE OF KTC-71
Samples Drawn by (company)	INSPECTORATE
Samples Tested by (company)	INSPECTORATE

Tests being Performed	Test method	Minimum	Maximum	Sample Source
GRAVITY, API @ 60 F	ASTM D 1298			11.1
FLASH POINT, F	ASTM D 93			192
VISCOSITY, SSF @ 122 F	ASTM D 445/2161			240
POUR POINT, F	ASTM D 97			+37.4
WATER & SEDIMENT, % VOL.	ASTM D 1796			0.20
SULPHUR, % WT.	ASTM D 4294			1.627
^SH, % WT.	ASTM D 482			0.064
.NADIUM, PPM	AA/AE			78
SODIUM, PPM	AA/AE			12
BTU'S/POUND	CALCULATION			18,312
BTU'S/GALLON	CONVERSION			151,330
NITROGEN, % WT.	ASTM D 3228			0.354
CARBON RESIDUE, % WT.	ASTM D 4530			13.03
ASPHALTENES, % WT.	IP-143			5.70

THE ATTACHED CERTIFICATE REPRESENTS THE PRODUCT INSPECTED BY THE INSPECTION SERVICE ON THE DATE STATED ON THE CERTIFICATE IN THE TANK STATED BY THE INSPECTION SERVICE. SPRAGUE REPRESENTS THAT ANY PRODUCT IT MAY SELL AT THE RACK MAY DIFFER FROM SUCH INSPECTION CERTIFICATE BUT SUCH PRODUCT SHALL MEET THE SPECIFICATIONS AS MAY BE REQUIRED BY ANY APPLICABLE REGULATIONS WITHIN THE STATE THAT THE PRODUCT IS SOLD.

DENNIS E. CURTIS
Inspectorate America Corp (Searsport, Me.)

LAB REV 1-98