

APPENDIX C: NO. 2 FUEL OIL QUALITY SPECIFICATIONS [Revised 04/24/2015]

QUALITY SPECIFICATIONS	ASTM TEST METHODS (NOTE 1)	MINIMUM	TYPICAL	MAXIMUM Fort Lauderdale Fort Myers Martin Port Everglades Putnam Turkey Point	MAXIMUM Cape Canaveral Energy Center Riviera Beach Energy Center West County Energy Center *Port Everglades Energy Center
SULFUR [% BY WEIGHT]	D-4294	---	---	0.0015	0.0015
FLASH POINT - PENSKY MARTIN[°F]	D-93	130	---	---	---
POUR POINT [°F]	D-97	---	---	15	15
WATER AND SEDIMENT [% BY VOLUME]	D-95 ~AND~ D-473	---	---	0.05	0.05
ASH[% BY WEIGHT]	D-482	---	---	0.01	0.01
VISCOSITY [SSU @ 100 °F]	D-445	32.6	36	40	40
GRAVITY [API]	D-287 ~OR~ D-4052	30	32 - 34	40	40
SODIUM + POTASSIUM [PPM]	(NOTE 2)	---	---	0.5	0.5
CALCIUM [PPM]	(NOTE 2)	---	---	0.5	0.5
LEAD [PPM]	(NOTE 2)	---	---	0.5	0.5
VANADIUM [PPM]	(NOTE 2)	---	---	0.5	0.5
CARBON RESIDUE ON 10% BOTTOMS	D-524	---	0.15	0.35	0.15
DISTILLATION TEMPS. [°F @ 90 % POINT]	D-86	540	590 - 610	640	640
DISTILLATION TEMPS. [°F @ END POINT]	D-86	---	640 - 680	690	690
COLOR	Visual	---	---	Dyed Red	Dyed Red/*Clear
CORROSION, COPPER STRIP, 3 HRS. @ 122 °F	D-130	---	---	1	1
NEUTRALITY		---	NEUTRAL	---	---
CETANE NUMBER	D-613	40	---	---	---
HEAT OF COMBUSTION [MMBTU/BBL]	D-240	---	5.80	---	---
PARTICULATE CONTAMINATION [PPM]	D-5452	---	---	10	10
DUPONT STABILITY METHOD [BLOTTER RATING]		---	---	7.0	7.0

THE FOLLOWING TESTS SHALL BE REPORTED FOR REFERENCE ONLY AS PART OF THE SPECIFICATION REQUIREMENTS: 1) 'ULTIMATE ANALYSIS' OF CARBON, HYDROGEN, AND NITROGEN IN MASS% (ASTM METHOD D-5291), 2) VAPOR PRESSURE (ASTM D-5191 OR D-323).

NOTES:

- (1) LATEST REVISION OF AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) METHODS SHALL APPLY.
- (2) ATOMIC ABSORPTION OR INDUCTIVELY COUPLED PLASMA METHOD.