

Schedule B – No. 6 Oil Specifications
McKee Run Generating Station
No. 6 Fuel Oil (1% Sulfur)
Specifications

1. FUEL OIL SPECIFICATION

Sodium (Na) Level	100	ppm maximum by weight
Vanadium (V) Level	125	ppm maximum by weight
Sulfur (S) Level	1.0	percent maximum by weight
Bottom Sediment	0.1	percent maximum by volume
Ash	0.1	percent maximum by weight
API Gravity @ 60° F	10	minimum to 14 maximum
Viscosity, SSU SEC @ 120° F	50	minimum to 200 maximum
Delivery Temperature	100	min, with a max temp of 150° F
Asphaltenes	6	percent maximum by weight
Heating Value (gross)	150,000	Btu/gallon minimum
Pour Point F	110	maximum
Flash Point F	150	minimum
Water	0.2	volume percent maximum

2. OIL TESTING

Each oil shipment shall be accompanied by a delivery specification for the oil delivered. DE Operating Services LLC will conduct regular testing of fuel oil received using its testing facilities. DE Operating Services LLC maintains a laboratory at McKee Run Station for this purpose.

Normally, testing will be conducted from random truck samples and could include a test of every truck. Normal testing will be conducted by solvent dilution with occasional ashing analysis by ASTM Standard 1318.

The supplier may inspect the available unloading equipment. If there are discrepancies between DE Operating Services LLC analyses and the supplier's analyses which cannot be resolved immediately, they shall be resolved by independent laboratory analyses at a laboratory to be chosen by DE Operating Services LLC. In the event that the independent laboratory analyses confirms the DE Operating Services LLC analyses, the independent laboratory expenses will be borne by the supplier. Otherwise the independent laboratory expenses will be borne by DE Operating Services LLC. The laboratory will conduct testing in accordance with ASTM D4057-81, Standard Practices for Manual Sampling of Petroleum and Petroleum Products.

Testing by DE Operating Services LLC shall not relieve the supplier from damages to existing oil storage. If deliveries of oil lead to contamination of the oil in storage to levels higher than specified, then the Seller shall remove all contaminated oil and replace the oil with acceptable oil as defined in this specification within 72 hours of notification. The supplier may, with the approval of DE Operating Services LLC, use dilution with clean oil as an alternative to bring the oil down to the specified levels.

3. ONSITE DELIVERY

Delivery shall be made by truck to McKee Run Station to an existing unloading station located within the plant site. Trucks shall be required to come from the West on Walker Road and not from the East. Trucks must **PARK WHOLLY ON PAVED SURFACES ONLY**, parked in the “pointed north” direction. Truck must observe a 15-mph speed limit or less at all times inside the perimeter fence on plant property. Supplier or Shipper will be provided 7 days per week/24 hours per day access to the facility for oil deliveries and no truck size limitations will be in effect at the unloading facility. No more than four (4) trucks are capable of unloading at one time.

3.1 PROPERTY DAMAGE

The supplier shall be responsible for damage caused to DE Operating Services LLC equipment or plant property by the shipper if the shipper is found to be at fault for such damage. Trucks are to park wholly on paved surfaces only.

3.2 DEMURRAGE

DE Operating Services LLC shall not be responsible for any demurrage charges that result from actions of the supplier and the truck transporter.

3.3 SITE CLEANLINESS

The supplier shall be responsible to maintain the DE Operating Services LLC receiving terminal in a clean condition and to provide immediate cleanup in the event of spills. This includes the proper use of waste receptacles provided near the unloading area (waste and oily waste). At no time should a plant SPILL KIT be used, for minor clean-up or significant spills, without notification of McKee Run station supervisory personnel.

3.4 RECEIVING FACILITIES

DE Operating Services LLC provides 3 inch female Evertite connections for attachment of supplier-furnished oil hoses. DE Operating Services LLC shall furnish an unloading pump to ensure oil transfer from the truck to the existing transfer piping and pumping system. It is the supplier’s responsibility to deliver oil at temperatures sufficient to meet this specification. In an emergency, the supplier shall be capable of furnishing on-truck-pumping capability to assist the plant when the installed pumps have failed.

4. INVOICES

The supplier shall submit preliminary invoices or bills of lading for each delivery to DE Operating Services LLC which identify quantity and source of oil so as to simplify oil analysis conducted by DE Operating Services LLC.