



ULTRA-LOW SULFUR DIESEL FUEL (ALTERNATIVE FUEL BLEND) MGS 03-01F

1.0 DESCRIPTION. This specification covers Grade B20 Alternative Fuel Blends for use in Missouri Department of Transportation equipment designed to operate on diesel fuel oils.

2.0 GENERAL. Grade B20 Alternative Fuel Blend shall be a blend of ultra-low sulfur, on-highway petroleum-diesel and B100 Biodiesel, free from grit, acid, and fibrous or other foreign material likely to clog or injure pumps, injectors, valves, filters, etc. The B20 fuel must be blended prior to delivery to Department tanks. The color of the delivered fuel shall not be red.

3.0 COMPOSITION

3.1 Grade B20 Alternative Fuel Blend shall be a blend of petroleum-diesel and Biodiesel containing a minimum of 20% and a maximum of 21% of grade B100 Biodiesel from a BQ-9000 supplier.

4.0 TESTING.

4.1 The petroleum diesel portion of the fuel blend shall meet the Missouri requirements for diesel fuel (ASTM D 975, Standard Specification for Diesel Fuel Oils).

4.2 The Biodiesel portion of the fuel blend shall comply with the National Biodiesel Board Biodiesel specification for pure Biodiesel and shall meet the requirements of the ASTM Biodiesel Specification ASTM D 6751.

4.3 The Department reserves the right to examine the bills of lading covering shipments of both the petroleum diesel and Biodiesel portions of the blends supplied under this specification. The supplier shall provide ready access to all required documentation to verify compliance.

5.0 SAMPLING AND ACCEPTANCE.

5.1 Samples may be taken at the destination during offloading of the fuel into Department tanks.

5.2 With the response to each request for bid, the supplier shall furnish a signed certification stating that all fuel to be delivered under the bid will meet all requirements of this specification. The signed certification statement shall be as follows:

This certifies that all fuel shipments made by this company under this bid will comply with MoDOT specifications for the fuel grade specified.

Signature: _____



5.3 Acceptance will be based on the certification furnished by the supplier and the results of any testing deemed necessary by the Department.

5.4 The supplier shall guarantee the removal and/or replacement of any shipment that does not meet the requirements of the specification. It is expressly understood that existing fuel contained in Department tanks that is contaminated by fuel that does not comply with these specifications shall also be replaced.

6.0 ORDERING INFORMATION. The specification material will be set forth in the bid request.

