

# 2012 EIA-821 SURVEY: LINE-BY-LINE REFERENCE GUIDE

## Kerosene

Line No.	Sold directly to consumers for:	
1	Residential Use (Non-Farm):	<ul style="list-style-type: none"> <li>• Backup generator</li> <li>• Home heating and cooking</li> <li>• Personal lawn equipment</li> <li>• <b>EXCLUDE:</b> Apartment buildings and Farmhouses</li> </ul>
2	Commercial Use:	<ul style="list-style-type: none"> <li>• Apartment building</li> <li>• Bank</li> <li>• Casino</li> <li>• Church</li> <li>• College/School/Institution</li> <li>• Department/Retail store</li> <li>• Environmental clean-up service</li> <li>• Flushing fuel lines</li> <li>• Forestry service</li> <li>• Golf course</li> <li>• Government (<b>Federal, State, local, and district; INCLUDE fuel used in vehicles</b>)</li> <li>• Hazardous waste company</li> <li>• Hospital</li> <li>• Hotel/Motel</li> <li>• Landfill site government owned</li> <li>• Landscaping</li> <li>• Laundry company</li> <li>• Lumber yard that sells the lumber</li> <li>• Medical service</li> <li>• Port Authority/publicly owned port or loading dock</li> <li>• Post/Base exchanges (PX) for use at location</li> <li>• Ski resort</li> <li>• Utilities not generating electricity (e.g., sewer, gas, and water)</li> <li>• <b>Also INCLUDE:</b> Military Use as defined on page 3 for Lines 30 through 32 Off-highway Use as defined on page 3 for Lines 41 through 46 On-highway Use as defined on page 3 for Lines 39 and 40 Railroad Use as defined on page 2 for Lines 24 through 26 Vessel Bunkering as defined on page 2 for Lines 27 through 29</li> <li>• <b>EXCLUDE:</b> Kero-jet/jet fuel</li> </ul>
3	Industrial Use:	<ul style="list-style-type: none"> <li>• Asphalt (blacktop) production companies</li> <li>• Assembly plant</li> <li>• Chemical production company</li> <li>• Food processing company</li> <li>• Gravel pit/Quarry</li> <li>• Manufacturing company</li> <li>• Manufacturing or repairing ships, vessels, and boats</li> <li>• Mills - saw/paper</li> <li>• Mining company/Strip mine</li> <li>• Printing/publishing company</li> <li>• Recycling company</li> <li>• <b>Also INCLUDE:</b> Electric Power Use as defined on page 3 for Lines 33 through 35 Oil Company Use as defined on page 2 for Lines 21 through 23</li> </ul>
4	Farm Use:	<ul style="list-style-type: none"> <li>• Crop heater/Smudge pot</li> <li>• Farm home heating</li> <li>• Livestock and animal production</li> <li>• Planting and harvesting</li> </ul>
5	All Other Uses (Including own company, please specify):	<ul style="list-style-type: none"> <li>• Company's own use</li> <li>• Please specify the use of any volumes</li> <li>• <b>Also INCLUDE:</b> volumes not listed in Lines 1 through 4 above or Line 6 below</li> </ul>
6	Sold to Dealers, Resellers, and Refiners:	<ul style="list-style-type: none"> <li>• Company that resells the product</li> <li>• Gas station</li> <li>• Post/Base exchanges (PX) for resale</li> <li>• Refiner</li> <li>• Truck stop</li> </ul>
7	<b>Total Kerosene (Add Lines 1 thru 6)</b>	

## Distillate Fuel Oil

Residential Use (Non-Farm):		
8	No. 1	<ul style="list-style-type: none"> <li>• Backup generator</li> <li>• Home heating and cooking</li> <li>• Personal lawn equipment</li> <li>• <b>EXCLUDE:</b> Apartment buildings and Farmhouses</li> </ul>
9	No. 2	
Commercial Use (See Reference Guide):		
10	No. 1	<ul style="list-style-type: none"> <li>• Airport ground equipment</li> <li>• Apartment building</li> <li>• Bank</li> <li>• Casino</li> <li>• Church</li> <li>• College/School/Institution</li> <li>• Company's own use (<b>exclude diesel used in your vehicles</b>)</li> <li>• Department store/Retail Store</li> <li>• Environmental clean-up service</li> <li>• Flushing fuel lines</li> <li>• Forestry service</li> <li>• Golf course</li> <li>• Government (<b>Federal, State, local, and district; INCLUDE fuel used in vehicles</b>)</li> <li>• Hazardous waste company</li> <li>• Hospital</li> <li>• Hotel/Motel</li> <li>• Landfill site government owned (exclude private landfill, see Off-highway, as defined on page 3 for Lines 41 through 43)</li> <li>• Landscaping</li> <li>• Laundry company</li> <li>• Lumber yard that sells the lumber</li> <li>• Medical service</li> <li>• Port Authority/publicly owned port or loading dock</li> <li>• Post/Base exchanges (PX) for use at location</li> <li>• Ski resort</li> <li>• Utilities not generating electricity (e.g., sewer, gas, and water)</li> <li>• <b>EXCLUDE:</b> Buses, trucks, and trucking companies. See On-highway Diesel Use (Lines 39 and 40) as defined on page 3.</li> </ul>
11	No. 2 Fuel Oil	
12	No. 2 Diesel ≤ 15 ppm Sulfur, Ultra Low	
13	No. 2 Diesel > 15 and ≤ 500 ppm Sulfur, Low	
14	No. 2 Diesel > 500 ppm Sulfur, High	
15	No. 4	
16	No. 1	
17	No. 2 Fuel Oil	
18	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	
19	No. 2 Diesel > 500 ppm Sulfur, High	
20	No. 4	
Oil Company Use (Drilling and Own Company Refining):		
21	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> <li>• Company's own use for operations in drilling equipment and at the refinery</li> <li>• Exploration company</li> <li>• Oil drilling company</li> <li>• Oilfield service company</li> <li>• Pipeline company</li> <li>• <b>EXCLUDE:</b> Feed stocks</li> </ul>
22	No. 2 Diesel > 500 ppm Sulfur, High	
23	Other Distillate	
Railroad Use:		
24	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> <li>• Railroad company (Transit and Scenic)</li> </ul>
25	No. 2 Diesel > 500 ppm Sulfur, High	
26	Other Distillate	

### Distillate Fuel Oil - continued

Vessel Bunkering:		
27	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> <li>• Barge company</li> <li>• Fire Boat</li> <li>• Fishing Boat</li> <li>• Marina</li> <li>• Police Boat</li> <li>• Vessel/Ship</li> <li>• <b>EXCLUDE:</b> Military Use</li> </ul>
28	No. 2 Diesel > 500 ppm Sulfur, High	
29	Other Distillate	
Military Use:		
30	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> <li>• Army Corps of Engineers</li> <li>• Coast Guard (include bunker fuel for vessels)</li> <li>• Defense Energy Support Center (DESC)</li> <li>• Military</li> <li>• United States Armed Services (include bunker fuel for vessels)</li> <li>• <b>EXCLUDE:</b> Post/Base exchanges (PX) for resale</li> </ul>
31	No. 2 Diesel > 500 ppm Sulfur, High	
32	Other Distillate	
Electric Power Use (Electric utility and Nonutility):		
33	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> <li>• Electric power generation company (includes combined heat and power plants) that sell electricity on or into the grid.</li> </ul>
34	No. 2 Diesel > 500 ppm Sulfur, High	
35	Other Distillate	
Farm Use:		
36	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> <li>• Crop heater/Smudge pots</li> <li>• Farm equipment</li> <li>• Farmhome heating</li> <li>• Irrigation pumps for farms</li> <li>• Livestock and animal production</li> <li>• Planting and harvesting</li> </ul>
37	No. 2 Diesel > 500 ppm Sulfur, High	
38	Other Distillate	
On-highway Diesel Use:		
39	Diesel ≤ 15 ppm Sulfur, Ultra Low	<ul style="list-style-type: none"> <li>• <b>Line 40 should be blank due to EPA standards for on-highway diesel</b></li> <li>• <b>Report No.1 and No. 2 Diesel</b></li> <li>• Bus (private, public, and transit authority) company</li> <li>• Company operated retail outlet/card-lock</li> <li>• Company's own use in vehicles for marketing and distribution</li> <li>• Post/Base exchanges (PX) for resale</li> <li>• School buses</li> <li>• Trucks that travel on the road</li> <li>• Trucking company</li> <li>• <b>EXCLUDE:</b> Government vehicles</li> </ul>
40	Diesel > 15 and ≤ 500 ppm Sulfur, Low	
Off-highway Use: Construction:		
41	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> <li>• Construction company</li> <li>• Construction crane</li> <li>• Dredging Company</li> <li>• Earth moving equipment</li> <li>• Excavating company</li> <li>• Landfill site privately owned (exclude government landfill, see Commercial, as defined on page 2 for Lines 10 through 15)</li> <li>• Paving company</li> <li>• Road building/repair</li> </ul>
42	No. 2 Diesel > 500 ppm Sulfur, High	
43	Other Distillate	
Off-highway Use: Other (Specify e.g., Logging):		
44	No. 2 Diesel ≤ 500 ppm Sulfur, Low (include Ultra Low Sulfur)	<ul style="list-style-type: none"> <li>• Geothermal energy drilling company</li> <li>• Logging company</li> <li>• Privately owned port or loading dock</li> <li>• Truck refrigeration unit (reefer)</li> <li>• Scrap/junk yard</li> <li>• Water well drilling company</li> </ul>
45	No. 2 Diesel > 500 ppm Sulfur, High	
46	Other Distillate	
47	All Other Uses (Specify):	<ul style="list-style-type: none"> <li>• Please specify the use of any volumes</li> </ul>
48	Sold to Dealers, Resellers, and Refiners:	<ul style="list-style-type: none"> <li>• Company that resells the product</li> <li>• Gas station</li> <li>• Refiner</li> <li>• Truck stop</li> </ul>
49	<b>Total Distillate (Add Lines 8 thru 48)</b>	

### Residual Fuel Oil

50	Commercial Use (Nonmanufacturing):	<ul style="list-style-type: none"> <li>• Apartment building</li> <li>• Bank</li> <li>• Casino</li> <li>• Church</li> <li>• College/School/Institution</li> <li>• Department/Retail store</li> <li>• Environmental clean-up service</li> <li>• Forestry service</li> <li>• Golf course</li> <li>• Government (<b>Federal, State, local and district</b>)</li> <li>• Hazardous waste company</li> <li>• Hospital</li> <li>• Hotel/Motel</li> <li>• Laundry company</li> <li>• Lumber yard that sells the lumber</li> <li>• Medical service</li> <li>• Port Authority/publicly owned port or loading dock</li> <li>• Post/Base exchanges (PX) for use at location</li> <li>• School bus company, non-vehicle use</li> <li>• Ski resort</li> <li>• Utilities not generating electricity (e.g., sewer, gas, and water)</li> <li>• <b>Also INCLUDE:</b> Off-highway as defined on page 3 for Lines 41 through 46</li> </ul>
51	Industrial Use (Manufacturing and Mining):	<ul style="list-style-type: none"> <li>• Asphalt (blacktop) production companies</li> <li>• Assembly plant</li> <li>• Chemical production company</li> <li>• Food processing company</li> <li>• Gravel pit/Quarry</li> <li>• Manufacturing company</li> <li>• Manufacturing or repairing ships, vessels, and boats</li> <li>• Mills - saw/paper</li> <li>• Mining company/Strip mine</li> <li>• Printing/publishing company</li> <li>• Recycling company</li> </ul>
52	Oil Company Use (Drilling and Own Company Refining):	<ul style="list-style-type: none"> <li>• Company's own use for operations in drilling equipment and at the refinery</li> <li>• Exploration company</li> <li>• Oil drilling company</li> <li>• Oilfield service company</li> <li>• Pipeline company</li> <li>• <b>EXCLUDE:</b> Feed stocks</li> </ul>
53	Vessel Bunkering (Shipping and Boating):	<ul style="list-style-type: none"> <li>• Barge company</li> <li>• Fire/Police/Fishing Boats</li> <li>• Vessel/Ship</li> <li>• <b>EXCLUDE:</b> Military Use</li> </ul>
54	Military Use:	<ul style="list-style-type: none"> <li>• Army Corps of Engineers</li> <li>• Coast Guard (include bunker fuel for vessels)</li> <li>• Defense Energy Support Center (DESC)</li> <li>• Military</li> <li>• United States Armed Services (include bunker fuel for vessels)</li> </ul>
55	Electric Power Use (Electric utility and Nonutility):	<ul style="list-style-type: none"> <li>• Electric power generation company (includes combined heat and power plants) that sell electricity on or into the grid.</li> </ul>
56	All Other Uses (Specify):	<ul style="list-style-type: none"> <li>• Please specify the use of any volumes</li> <li>• <b>Also INCLUDE:</b> Railroad Use as defined on page 2 for Lines 24 through 26 Farm Use as defined on page 3 for Lines 36 through 38</li> </ul>
57	Sold to Dealers, Resellers, and Refiners:	<ul style="list-style-type: none"> <li>• Company that resells the product</li> <li>• Refiner</li> </ul>
58	<b>Total Residual (Add Lines 50 thru 57)</b>	

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Email form to: [OOG.SURVEYS@eia.doe.gov](mailto:OOG.SURVEYS@eia.doe.gov)

Fax form to: (202) 586-9772, Attn: EIA-821

Mail form to: **Oil & Gas Survey  
U.S. Department of Energy  
Ben Franklin Station  
PO Box 279  
Washington, DC 20044-0279**