

## **APPENDIX 24 OXYGENATED GASOLINE AND OTHER FUEL REQUIREMENTS**

### **OVERVIEW OF OXYGENATED GASOLINE STANDARD RULES**

Rules in **Section 15A NCAC 2D .1300**, Oxygenated Gasoline Standard, are a preadopted contingency plan for carbon monoxide maintenance areas. These rules are contingency plans for three carbon monoxide maintenance areas: Wake and Durham Counties, Forsyth County, and Mecklenburg County. If implemented, these rules would apply to the metropolitan statistical area (MSA) containing the nonattainment county. These areas are:

- (1) for Forsyth County, the Greensboro/Winston-Salem/High Point Metropolitan Statistical Area consisting of Davie, Davidson, Forsyth, Guilford, Randolph, Stokes, and Yadkin Counties;
- (2) for Mecklenburg County, the Charlotte/Gastonia/Rock Hill Metropolitan Statistical Area consisting of Cabarrus, Gaston, Mecklenburg, and Union Counties; and
- (3) for Wake and Durham Counties, the Raleigh/Durham Metropolitan Statistical Area consisting of Durham, Franklin, Orange, and Wake Counties.

If a violation of the carbon monoxide standard is measured in one of these carbon monoxide maintenance areas, the Director of the Division of Air Quality will initiate analyses to determine if additional measures are needed to attain and maintain the ambient air quality standards in that area. If the Director finds that 2.7 percent oxygen by weight oxygenated gasoline is needed, the Director shall notice in the *North Carolina Register* by the following September 1 that oxygenated gasoline needs to be sold in that area beginning on the following November 1. Also the Director shall notify by July 1 the Gasoline and Oil Inspection Board and the primary gasoline distributors that only oxygenated gasoline will be sold in that area beginning on the following November 1.

### **REID VAPOR PRESSURE FOR GASOLINE DURING OZONE SEASON**

The Reid vapor pressure gasoline sold in North Carolina is not to exceed 9.0 psi during May and 7.8 psi during June, July, August, and September in the following areas:

Davidson

Durham

Forsyth

Gaston

Guilford

Mecklenburg

Wake

Dutchville Township in Granville County

that part of Davie County bounded by the Yadkin River, Dutchmans Creek, North

Carolina Highway 801, Fulton Creek and back to Yadkin River

The rest of the State is required to meet a Reid vapor pressure of 9.0 psi during these months. (The authority for these requirements is 40 CFR 80.27.)