

**29.1(455B) Methodology and qualified observer.**

The federal method for visual determination of opacity of emissions and requirements for qualified observers as defined in Method 9, 40 CFR Part 60 Appendix A as amended through March 12, 1996, is adopted by reference.

To qualify as an observer a candidate must, after meeting the requirements established in Method 9, 40 CFR Part 60 Appendix A, have on record with the department a minimum of 250 readings of black plumes and 250 readings of white plumes, taken at approved smokereading courses.

This rule is intended to implement Iowa Code chapter 455B.

## 567-29.1

### EPA Rulemakings

CFR: 40 C.F.R. 52.820(c)(11)  
FRM: 40 FR 15879 (4/8/75)  
PRM: 39 FR 25502 (7/11/74)  
State Submission: 5/4/72  
State Proposal: unknown  
State Final: Effective 12/11/73  
APDB File: IA-00  
Description: This rule was adopted by this revision.

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CFR: 40 C.F.R. 52.820(c)(43)  
FRM: 50 FR 37176 (9/12/85)  
PRM: 49 FR 45761 (11/20/84)  
State Submission: 7/18/84  
State Proposal: None  
State Final: 7/1/83  
APDB File: IA-19  
Description: Recodification of the regulations from Chapter 3 of the Iowa Department of Environmental Quality into Department 900, Title II, Chapters 20-39 of the Iowa Department of Water, Air and Waste Management (IDWAWM).

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CFR: 40 C.F.R. 52.820(c)(52)(i)(B)  
FRM: 55 FR 26690 (6/29/90)  
PRM: None  
State Submission: 5/7/90  
State Proposal: IAB 11/15/89 (ARC 412A)  
State Final: IAB 2/7/90 (ARC 658A) (Effective 3/14/90)  
APDB File: IA-32  
Description: This rulemaking recodified Chapters 20-29. It was Water, Air and Waste Management (900) and is now Environmental Protection Commission (567).

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CFR: 40 C.F.R. 52.820(c)(57)(i)(A)  
FRM: 58 FR 27939 (5/12/93)  
PRM: None  
State Submission: 1/5/93  
State Proposal: IAB 9/16/92 (ARC 3350A)  
State Final: IAB 1/20/93 (ARC 3694A) (Effective 2/24/93)  
APDB File: IA-37  
Description: This revision deleted the state requirements for visual determination of opacity of emissions and requirements for qualified observers, and replaced it with adoption by reference of the Federal method at 40 C.F.R. Part 60, Appendix A, Method 9.

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CFR: 40 C.F.R. 52.820(c)(67)i(A, B, C, and D)ii(A)  
FRM: 63 FR 34600 (6/25/98)  
PRM: 63 FR 34618 (6/25/98)  
State Submission: 1/21/98  
State Proposal: IAB 1/17/96 1186  
State Final: IAB 5/8/96 1772  
APDB File: IA-58  
Description: This revision added observer qualifications for opacity determination.

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CFR: 40 C.F.R. 52.820 (c)  
FRM: 64 FR 17548 (4/12/99) and 65 FR 32030 (5/22/00) (correction)  
PRM: 64 FR 17592 (4/12/99)  
State Submission: 8/12/98  
State Proposal: 1/14/98  
State Final: IAC 4/8/98  
APDB File: IA-71  
Description: This revision updates the reference to 40 C.F.R. Part 60, Appendix A.

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### Difference Between the State and EPA-Approved Regulation:

None.