

For example, this calculation provides a result of 295.76 for  $n = m = 20$ , and a result of 96.476 for  $n = m = 12$ . Rounding up produces approximate critical values of 296 and 97.

(c) When  $n$  or  $m$  is greater than 20 and there are many ties, calculate an approxi-

mate critical value using the following formula and round the result to the next larger integer. Let  $S$  be the sum of the squares of the ranks or average ranks of all  $N$  observations. Let  $N = n + m$ .

$$\text{CriticalValue} = 0.5 * n * (N + 1) - 3.0902 * \sqrt{V}$$

In the preceding formula, calculate  $V$  using

$$V = \frac{n * m * S}{N * (N - 1)} - \frac{n * m * (N + 1)^2}{4 * (N - 1)}$$

[67 FR 3408, Jan. 23, 2002]

**PART 435—OIL AND GAS EXTRACTION POINT SOURCE CATEGORY**

**Subpart A—Offshore Subcategory**

Sec.

435.10 Applicability; description of the offshore subcategory.

435.11 Specialized definitions.

435.12 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

435.13 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

435.14 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

435.15 Standards of performance for new sources (NSPS).

APPENDIX 1 TO SUBPART A OF PART 435—STATIC SHEEN TEST

APPENDIX 2 TO SUBPART A OF PART 435—DRILLING FLUIDS TOXICITY TEST

APPENDIX 3 TO SUBPART A OF PART 435—PROCEDURE FOR MIXING BASE FLUIDS WITH SEDIMENTS

APPENDIX 4 TO SUBPART A OF PART 435—DETERMINATION OF BIODEGRADATION OF SYNTHETIC BASE FLUIDS IN A MARINE CLOSED BOTTLE TEST SYSTEM: SUMMARY OF MODIFICATIONS TO ISO 11734:1995

APPENDIX 5 TO SUBPART A OF PART 435—DETERMINATION OF CRUDE OIL CONTAMINATION IN NON-AQUEOUS DRILLING FLUIDS BY GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)

APPENDIX 6 TO SUBPART A OF PART 435—REVERSE PHASE EXTRACTION (RPE) METHOD FOR DETECTION OF OIL CONTAMINATION IN NON-AQUEOUS DRILLING FLUIDS (NAF)

APPENDIX 7 TO SUBPART A OF PART 435—API RECOMMENDED PRACTICE 13B-2

APPENDIX 8 TO SUBPART A OF PART 435—REFERENCE C<sub>16</sub>-C<sub>18</sub> INTERNAL OLEFIN DRILLING FLUID FORMULATION

**Subpart B [Reserved]**

**Subpart C—Onshore Subcategory**

435.30 Applicability; description of the onshore subcategory.

435.31 Specialized definitions.

435.32 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

**Subpart D—Coastal Subcategory**

435.40 Applicability; description of the coastal subcategory.

435.41 Specialized definitions.

435.42 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

435.43 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

435.44 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

435.45 Standards of performance for new sources (NSPS).

435.46 Pretreatment standards of performance for existing sources (PSES).

435.47 Pretreatment standards of performance for new sources (PSNS).

APPENDIX 1 TO SUBPART D OF PART 435—PROCEDURE FOR DETERMINING WHEN COASTAL COOK INLET OPERATORS QUALIFY FOR AN EXEMPTION FROM THE ZERO DISCHARGE REQUIREMENT FOR EMO-CUTTINGS AND

§ 435.10

SBF-CUTTINGS IN COASTAL COOK INLET, ALASKA

**Subpart E—Agricultural and Wildlife Water Use Subcategory**

- 435.50 Applicability; description of the beneficial use subcategory.
- 435.51 Specialized definitions.
- 435.52 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

**Subpart F—Stripper Subcategory**

- 435.60 Applicability; description of the stripper subcategory.
- 435.61 Specialized definitions.

**Subpart G—General Provisions**

- 435.70 Applicability.
- AUTHORITY: 33 U.S.C. 1311, 1314, 1316, 1317, 1318, 1342 and 1361.
- SOURCE: 44 FR 22075, Apr. 13, 1979, unless otherwise noted.

**Subpart A—Offshore Subcategory**

SOURCE: 58 FR 12504, Mar. 4, 1993, unless otherwise noted.

**§ 435.10 Applicability; description of the offshore subcategory.**

The provisions of this subpart are applicable to those facilities engaged in field exploration, drilling, well production, and well treatment in the oil and gas industry which are located in waters that are seaward of the inner boundary of the territorial seas (“off-shore”) as defined in section 502(g) of the Clean Water Act.

[61 FR 66123, Dec. 16, 1996]

**§ 435.11 Specialized definitions.**

For the purpose of this subpart:

- (a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.
- (b) *Average of daily values for 30 consecutive days* means the average of the daily values obtained during any 30 consecutive day period.
- (c) *Base fluid* means the continuous phase or suspending medium of a drilling fluid formulation.

(d) *Base fluid retained on cuttings* as applied to BAT effluent limitations and NSPS refers to the American Petroleum Institute Recommended Practice 13B-2 supplemented with the specifications, sampling methods, and averaging method for retention values provided in Appendix 7 of Subpart A of this part.

(e) *Biodegradation rate* as applied to BAT effluent limitations and NSPS for drilling fluids and drill cuttings refers to the ISO 11734:1995 method: “Water quality—Evaluation of the ‘ultimate’ anaerobic biodegradability of organic compounds in digested sludge—Method by measurement of the biogas production (1995 edition)” supplemented with modifications in Appendix 4 of 40 CFR part 435, subpart A. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from the American National Standards Institute, 11 West 42nd Street, 13th Floor, New York, NY 10036. Copies may be inspected at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html). A copy may also be inspected at EPA’s Water Docket, 401 M Street SW., Washington, DC 20460.

(f) *Daily values* as applied to produced water effluent limitations and NSPS means the daily measurements used to assess compliance with the maximum for any one day.

(g) *Deck drainage* means any waste resulting from deck washings, spillage, rainwater, and runoff from gutters and drains including drip pans and work areas within facilities subject to this Subpart.

(h) *Development facility* means any fixed or mobile structure subject to this subpart that is engaged in the drilling of productive wells.

(i) *Diesel oil* refers to the grade of distillate fuel oil, as specified in the American Society for Testing and Materials Standard Specification for Diesel Fuel Oils D975-91, that is typically used as the continuous phase in conventional oil-based drilling fluids. This