

Commission Directive of 8 December 1986 on the approximation of the laws of the Member States relating to procedures for the control of characteristics of, limits for and resistance to detonation of straight ammonium nitrate fertilizers of high nitrogen content (87/94/EEC) (repealed)

Article 1 .....  
Article 2 .....  
Article 3 .....

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ANNEX I

1. Limits for heavy metals according to Annex I, point 6, ...
  - 1.1. ....
  - 1.2. ....
2. Number of thermal cycles in accordance with Annex II to...

ANNEX II

METHODS OF CHECKING COMPLIANCE WITH THE LIMITS SPECIFIED IN ANNEXES I AND II TO COUNCIL DIRECTIVE 80/876/EEC

~~METHODS~~ METHODS FOR THE APPLICATION OF THERMAL CYCLES

1. Scope and field of application
2. Thermal cycles referred to in Annex I to Council Directive...
  - 2.1. Field of application
  - 2.2. Principle and definition
  - 2.3. Apparatus
  - 2.4. Procedure
3. Thermal cycles to be used for Annex II to Council...
  - 3.1. Field of application
  - 3.2. Principle and definition
  - 3.3. Apparatus
  - 3.4. Procedure

~~METHODS~~ DETERMINATION OF OIL RETENTION

1. Scope and field of application
2. Definition
3. Principle
4. Reagent
5. Apparatus
  - 5.1. ....
  - 5.2. ....
  - 5.3. ....
  - 5.4. ....
  - 5.5. ....

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- 5.6. ....
- 6. Procedure
  - 6.0. ....
  - 6.1. ....
  - 6.2. ....
  - 6.3. ....
  - 6.4. Repeating the rolling procedure and reweighing
- 7. Expression of results
  - 7.1. Method of calculation and formula

#### METHOD DETERMINATION OF THE COMBUSTIBLE INGREDIENTS

- 1. Scope and field of application
- 2. Principle
- 3. Reagents
  - 3.1. ....
  - 3.2. ....
  - 3.3. ....
  - 3.4. ....
  - 3.5. ....
  - 3.6. ....
  - 3.7. ....
  - 3.8. ....
  - 3.9. ....
  - 3.10. ....
- 4. Apparatus
  - 4.1. ....
  - 4.2. ....
  - 4.3. ....
    - 4.3.1. ....
    - 4.3.2. ....
    - 4.3.3. ....
    - 4.3.4. ....
    - 4.3.5. ....
    - 4.3.6. ....
    - 4.3.7. ....
    - 4.3.8. ....
- 5. Procedure
  - 5.1. Sample for analysis
  - 5.2. Removal of carbonates
  - 5.3. Oxidation and absorption
  - 5.4. Measurement of the carbonates originating from organic material
- 6. Blank test
- 7. Expression of results

#### METHOD DETERMINATION OF THE pH VALUE

- 1. Scope and field of application
- 2. Principle
- 3. Reagents
  - 3.1. Buffer solution, pH 6,88 at 20 °C
  - 3.2. Buffer solution, pH 4,00 at 20 °C
  - 3.3. ....
- 4. Apparatus
- 5. Procedure

- 5.1. Calibration of the pH meter.
- 5.2. Determination
- 6. Expression of results

#### METHOD DETERMINATION OF THE PARTICLE SIZE

- 1. Scope and field of application
- 2. Principle
- 3. Apparatus
  - 3.1. ....
  - 3.2. ....
  - 3.3. ....
- 4. Procedure
  - 4.1. ....
  - 4.2. ....
  - 4.3. ....
  - 4.4. ....
  - 4.5. ....
  - 4.6. ....
- 5. Evaluation of the results
  - 5.1. ....
  - 5.2. ....
- 6. Expression of results

#### METHOD DETERMINATION OF THE CHLORINE CONTENT (AS CHLORIDE ION)

- 1. Scope and field of application
  - 2. Principle
  - 3. Reagents
    - 3.1. ....
    - 3.2. ....
    - 3.3. ....
    - 3.4. ....
    - 3.5. ....
    - 3.6. ....
  - 4. Apparatus
    - 4.1. ....
    - 4.2. ....
    - 4.3. ....
    - 4.4. ....
  - 5. Procedure
    - 5.1. Standardization of the silver nitrate solution
    - 5.2. Blank test
    - 5.3. Check test
    - 5.4. Determination
  - 6. Expression of results
- Table 1 EXAMPLE

#### METHOD DETERMINATION OF COPPER

- 1. Scope and field of application
- 2. Principle
- 3. Reagents
  - 3.1. ....
  - 3.2. ....
  - 3.3. ....

- 3.4. ....
- 3.5. ....
- 3.6. ....
- 3.6.1. ....
- 4. Apparatus
- 5. Procedure
  - 5.1. Preparation of the solution for analysis
  - 5.2. Blank solution
  - 5.3. Determination
    - 5.3.1. Preparation of sample and blank test solutions
    - 5.3.2. Preparation of the calibration solutions
  - 5.4. Measurement
- 6. Expression of the results

### ANNEX III

#### DETERMINATION OF RESISTANCE TO DETONATION

- 1. Scope and field of application
- 2. Principle
- 3. Materials
  - 3.1. ....
  - 3.2. ....
  - 3.3. ....
  - 3.4. ....
  - 3.5. ....
  - 3.6. ....
  - 3.7. ....
  - 3.8. ....
  - 3.9. ....
  - 3.10. ....
  - 3.11. ....
  - 3.12. ....
- 4. Procedure
  - 4.1. Preparation of booster charge for insertion into steel tube
    - 4.1.1. Seven-point simultaneous initiation
      - 4.1.1.1. ....
      - 4.1.1.2. ....
      - 4.1.1.3. ....
      - 4.1.1.4. ....
    - 4.1.2. Central initiation by a compressed pellet
      - 4.1.2.1. Preparing a compressed pellet
      - 4.1.2.2. Preparing the booster charge
  - 4.2. Preparing steel tubes for the detonation tests
  - 4.3. Filling and charging the steel tube
    - 4.3.1. ....
    - 4.3.2. ....
    - 4.3.3. ....
  - 4.4. Positioning of the steel tube and lead cylinders (see figure...

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	4.4.1.	.....
	4.4.2.	.....
4.5.	Preparation for detonation	
	4.5.1.	.....
	4.5.2.	.....
	4.5.3.	.....
	4.5.4.	.....
4.6.	.....	
4.7.	.....	
4.8.	.....	
5.	Test report	
5.1.	Evaluation of test results	
	.....	
	.....	
	.....	