

# **JAN-C-178A**

**AMENDMENT-1**

**28 OCTOBER 1949**

## **JOINT ARMY-NAVY SPECIFICATION**

### **CHARCOAL (For Use in Munitions)**

**Army Number  
50-11-42D**

**Navy Number  
51C51a**

This amendment forms a part of Joint Army-Navy Specification JAN-C-178A, dated 28 October 1945, and was approved by the Departments of the Army, the Navy, and the Air Force for use of procurement services of the respective Departments.

Page 3, paragraph F-4c: Delete and substitute the following:

"F-4c. *Granulation*.—The following granulation tests shall be made to determine the compliance of classes b, c, and d with the requirements of paragraph E-4. Nest the designated sieves from top to bottom in order of decreasing size of opening and attach a receiving pan to the bottom sieve. For class b and c charcoal, place a 100-gm. portion of the sample on the upper sieve, cover, and shake 10 minutes by hand or 5 minutes mechanically. For class d charcoal, place a 20.0-gm. portion of the sample on the upper sieve, cover, and shake for 25 minutes mechanically. The mechanical shaker shall be a single-eccentric type which imparts to the sieves a rotary motion and tapping action of uniform speed of  $300 \pm 15$  gyrations and  $150 \pm 10$  taps of the striker per minute. Weigh the portions retained on each sieve and calculate to percentage passing through each of the sieves."

Custodian:

Army—Ordnance Department

Other interest:

Army—C

Navy—OS

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