

UNITED STATES DEPARTMENT OF COMMERCE  
WASHINGTON

NATIONAL BUREAU OF STANDARDS

PROVISIONAL CERTIFICATE

Standard Sample 45C

COPPER

Pyrometric Standard

Melting Point or Freezing Point on the  
International Temperature Scale of 1948

1083.3°C

The melting point given above is that of a representative sample from lot 45C. It is not necessarily the same as the melting point of pure copper.

Full details of the precautions that should be observed in freezing-point determinations are given in National Bureau of Standards Journal of Research 14, 247 (1935) RP768. The International Temperature Scale of 1948 is described in the Journal of Research of the National Bureau of Standards 42, 209 (1949) RP1962.

The metal for the preparation of this standard was supplied by the International Smelting and Refining Company, and Anaconda Sales Company.

Signed: R. E. Wilson  
Acting Chief  
Division of Heat and  
Power

Washington 25, D. C.  
September 2, 1953