

Standards for Methods of Analysis of Gases in Metals

ASTM E1019 - 11

Standard Test Methods for Determination of Carbon, Sulfur, Nitrogen, and Oxygen in Steel, Iron, Nickel, and Cobalt Alloys by Various Combustion and Fusion Techniques

ASTM E1409 - 13

Standard Test Method for Determination of Oxygen and Nitrogen in Titanium and Titanium Alloys by Inert Gas Fusion

ASTM E1447 - 09

Standard Test Method for Determination of Hydrogen in Titanium and Titanium Alloys by the Inert Gas Fusion Thermal Conductivity/Infrared Detection Method

ASTM E1569 Standard Test Method for Determination of Oxygen in Tantalum Powder by Inert Gas Fusion Technique

ASTM E2575 Standard Test Method for Determination of Oxygen in Copper and Copper Alloys (This test method covers the determination of oxygen in copper and copper alloys in concentrations from 0.0005 to 0.04 %)

ISO 17053:2005

Steel and iron - Determination of oxygen - Infrared method after fusion under inert gas

ISO 15351:1999 Steel and iron -- Determination of nitrogen content -- Thermal conductimetric method after fusion in a current of inert gas (Routine method) (The method is applicable to nitrogen contents between 0,002 % (m/m) and 0,6 % (m/m).

ISO 22963:2008

Titanium and titanium alloys -- Determination of oxygen -- Infrared method after fusion under inert gas. (The method is applicable to titanium and titanium alloys with a mass fraction of oxygen in the range from 0,02 % to 0,4 %.)

ISO 10720:1997

Steel and iron -- Determination of nitrogen content -- Thermal conductimetric method after fusion in a current of inert gas (The method is applicable to nitrogen contents between 0,0008 % (m/m) and 0,5% (m/m).

GOST 9853.5-96

Titanium Sponge. Methods for Determination of Oxygen

GOST 13938.13-93

Copper. Methods for Determination of Oxygen

GOST 17745-90

Steels and Alloys. Methods for Determination of Gases

GOST 28052-97

Titanium and Titanium Alloys. Methods for Determination of Oxygen

GOST R 50965-96

Aluminium and Aluminium Alloys. Methods for the Determination of Hydrogen in the Solid Metal