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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 19351-2003

**Metallic coatings -- Determination of porosity in gold coatings
on metal substrates -- Nitric acid vapour test**

(English Translation)

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What this standard covers

This standard specifies the use of nitric acid vapor determination of gold cover, in particular, the electrical contacts on the electrodeposited layer and gold layer porosity of equipment and methods. This method is intended for explaining the porosity is less than or greater than the experience presented by the user and the application object for a specific number of acceptable values. This standard applies to gold content ? 75% of the gold layer or a layer of gold, gold content ? 95% of the electrodeposited gold layer or ordinarily used in electrical contacts copper, nickel and its alloys undercoats. Nitric acid vapor test is too strict and not for thickness

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