SF6新气痕量杂质气相色谱分析新方法与

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摘要：介绍了一种SF_6新气痕量杂质气相色谱分析的新方法。与DL/T 920—2005《六氟化硫中空气、四氟化碳的气相色谱分析方法》相比较，新方法可以从SF_6新气中检出更多的痕量杂质，甚至多达17种，且方法高度智能化并便于普及。考虑到SF_6新气中某些杂质会影响有关电力设备的使用寿命，提出了电力行业SF_6新气推荐标准的方案。

关键词：SF_6新气；痕量杂质；色谱方法；标准

A New Trace Impurity Gas Chromatography Analysis Method for SF_6 New Gas and Recommended Standard of SF_6 New Gas for Electric Power Industry

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Abstract: A new chromatography analysis method of trace impurity in SF_6 new gas is introduced. In comparesion with the method given in the DLT/920-2005, this new method can detect more kinds of trace impurity from SF_6 new gas, even up to 17, and it is intellectualized highly and easy to be popularized. Considering the fact that some kinds of trace impurity in SF_6 new gas endangers the lifespan of the power devices involved in SF_6, the paper puts forward a scheme of recommendation standards of SF_6 new gas for the electric power industry.

Key words: SF_6 new gas; trace impurity; chromatograph method; standard

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