Short Communication

Hydrogen Amount Estimation in Electrodes of Nickel-Cadmium Batteries Depending on Their Operating Life

Nataliya N. Yazvinskaya¹, Nikolay E. Galushkin^{1,*}, Dmitriy N. Galushkin¹, Inna A. Galushkina²

¹ Don State Technical University, Laboratory of electrochemical and hydrogen energy, 147 Shevchenko Street, Town of Shakhty, Rostov Region, Russia, 346500.

² Southern Federal University, Novoshakhtinsk branch, 2 Oktiabria Street, Town of Novoshakhtinsk, Rostov Region, Russia, 346900.

*E-mail: galushkinne@mail.ru

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In this investigation, it was shown that hydrogen is absent in the electrodes of new nickel-cadmium batteries. However, during batteries operation, a lot of hydrogen is accumulated in their electrodes. The amount of hydrogen accumulated by the electrodes stops increasing after five years of service life.

Keywords: Hydrogen accumulation, battery, nickel–cadmium, thermal runaway

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