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INFORMATICAL (IT) PLATFORM FOR THE CERTIFICATION OF EXPLOSIVES AND PYROTECHNICAL PRODUCTS

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Abstract

This paper presents the research results on the development and implementation of a traceable and efficient system which is characterized by a high accuracy level, transposed within a specialized IT application in order to properly implement certain sampling schemes required for assessing the conformity of civil use explosives and pyrotechnic articles, in compliance with the European Directives 93/15/EEC (new 2014/28/EU) and 2007/23/EC (new 2013/29/UE). The scientific research results emphasized by this paper were obtained within the Project “PN 07 45 02 68 - Program NUCLEU”, entitled “Research on the development and implementation of a series of IT tools for sampling from the manufacturing line representative samples of explosives for civil use/pyrotechnic articles”.

Keywords: application, level, pyrotechnic, sampling, traceability

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