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## **MODERN END SUSETENABLE INFRASTRUCTURE FOR DETERMINING EQUIVALENT INITIATION CAPABILITY FOR DETONATORS**

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### **Abstract**

This paper concerns the development of the testing and evaluation of the essential safety requirements for determining equivalent initiation capability to initiate detonators in the project PN 07 45 03 09 NUCLEU/2012-2013 under the program.

The project aims at development the test and evaluation of the essential safety requirements set out in Directive 93/15/EEC on explosives for civil uses which include electrical and non-electrical detonators.

CEN has developed a series of harmonized standards with describing the technical requirements to be applied to perform laboratory and function (blasting) tests in order to assess the essential safety requirements in accordance with series of standards EN 13763 adopted in the Standardization Committee ASRO CT 358 "Explosives for civil uses" whose presidency is held by INCD-INSEMEX.

The project is important because development of the test is required to record technical and scientific progress in the field of thought and increased confidence of the accreditor and other authorities.