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## **STUDY ON THE VALORIZATION OF USED TIRES IN CEMENT OVENS**

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### **Abstract**

The wastes co-incineration in cement ovens is a complex technology, based on a professional know-how, developed by specialists in the field of cement industry and environment protection. This paper presents the noxious effect on the atmosphere and the advantages of recycling of used tires as an alternative fuel in the cement factory. It was demonstrated a primary fuel consumption decrease of up to 35% by burning the used tires in the rotating cement oven, without diminishing the cement quality and damaging the environment.

*Keywords:* wastes incineration, cement oven, toxic effect

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