

عنوان مقاله:

Using Scrap Tyres (TDF) as an Alternative Fuel in Clinker Burning Process in Cement Industry

محل انتشار:

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خلاصه مقاله:

The process of clinker burning in a rotary kiln creates favorable conditions for the use of scrap tyres as an alternative fuel. High calorific value of tyres, high temperature and alkaline environment, oxidizing atmosphere, large heat-exchange surface, good mixture of gases and products, and sufficient time made an ideal condition for using tyres' energy content and disposing them in an environmentally and economically sound way. Furthermore, Technical aspects of using TDF has been reviewed. It's concluded that use of scrap tires is a viable alternative fuel program in cement plants.

کلمات کلیدی:

Alternative fuel, TDF, cement, scrap tyre

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