
Use of industrial wastes as alternative fuels in Vietnam cement industry corporation

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Abstract

Vietnam Cement Industry Corporation (Vicem) has many plants with the general capacity of 20 million metric tons of cement per annum, taking 34% of the cement market share in Vietnam. The Vicem's plants use 3 million tons of coal per annum. In Vietnam, the amount of industrial wastes (IW) every year is from 6 to 7.5 million tons and up to 2020 will be from 9 to 13.5 million tons. The IW has been processed primarily by incineration and landfill with high costs and causing environmental pollution, adversely affecting the life of communities and ecosystems... The kinds of high calorific IW, which take 30% amount of IW, can use to replace coals and oils in the cement plants. The use of IW as alternative fuels in Vicem's plants, which contributes to the environmental protection, economic - socio development and avoid wasting "valueable resources" in Vietnam.

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