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Large quantity of dust, commonly known as cement kiln dust (CKD), is produced during the production of Portland cement. In order to meet environmental requirements, CKD is disposed off in land fills. Recently, there has been a trend of utilizing it for soil stabilization, treatment of sewage, etc. Also, attempts were made at using it in cement products. This paper reviews the work conducted oil the latter aspect and reports results of tests conducted by the authors to investigate the properties of cement-CKD combination. Results indicate that CKD does not adversely affect the properties of cement mortar. However, the implication of high chloride concentration and alkalinity of CKD on concrete durability needs to be studied