

Research Title	The application of sewage sludge from industrial plants for the pottery industry
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Year	2013

This research aims to study the sludge from the wastewater treatment plant in food industrial and water treatment plants for using a composition of pottery. the main components from water treatment plant are similar to the clay as raw material in the manufacture of pottery with suitable for using composition of pottery. Comparision the sludge from Sam Sean water treatment plant and Udontani water treatment plant, the sludge from Sam Sean water treatment plant show appropriate properties for pottery .The composition of sludge from water treatment plant are adding to clay varied from 10, 20, 30, 40 and 50 % by weight. The results show that the composition 10% by weight of sludge form water treatment plant given the best of pottery properties with 12.63 MPa of compressive strength, 1.85 g/cm³ of density, 14.24% of water absorption, and 26.34% of porosity