

**Research Title**

**Quality Improvement of Hang Dong Clay for Some  
Ceramic Products Development**

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## **Abstract**

The study of Hang Dong clay for quality and product improvement has found that Hang Dong clay which passed through 100 mesh sieving showed a good quality and suitable for ceramic body. It can be used as a single body, or mixed with the other raw materials such as dolomite, diatomite, Lam Pang clay, bone ash, feldspar, quartz, talcum, frit and  $\text{Fe}_2\text{O}_3$ . The mixed bodies gave interesting results when firing at  $1060^\circ\text{C}$ , with the firing shrinkage of about 6-14% and porosity between 0-12%. These bodies could be formed readily by slip casting and free hand working. Most of the interesting bodies could be fitted with dolomite glaze and engobe glazing at low temperature, giving a good strength without water absorption products.