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Improvement of environment and work posture through ergonomic approach to increase productivity of balinese kepeng coin workers in Kamasan village Klungkung Bali

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Abstract

Balinese coins (*Pis Bolong*) have become part of Balinese life as *yadnya* material or religious ceremony. To meet a variety of purposes, *balinese coint* today many produced by the community Kamasan village of Bali, in addition to religious purposes are also used as souvenirs. *Pis bolong* (*kepeng* coin) manufactured by molding techniques and molding metal in a simple manner of raw materials in a furnace smelting subsequently printed and refining process. *Kepeng* coins (*Balinese* This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see

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flame and work posture and ways of working are not naturally able to increase the workload, subjective disorders of artisans, and decrease productivity. To overcome these problems, the improvement of environment and work posture by ergonomic approach. This research used by design "pre and post test group design" to 8 crafters of the melting process. Productivity calculated from the number of kepeng coin produced per work pulse of workers. The results showed that there were significant difference in productivity between treatment 1 (using old way) with treatment 2 (using improvement of environment and work posture) in kepeng coin workers. Work productivity increase by 33.9%. It can be concluded that the improvement of environment and work posture through ergonomic approach increase productivity of kepeng coin workers.

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