

ABSTRACT

**MODIFICATION FIREPLACE WOK BASE ON ERGONOMICS AT UKM
SMK**

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UKM Sido Maju Kencana Lampung is one of UKM that work in the banana chips production. That UKM have manufactured of banana chips using wok of fireplace with wood –fired. These funances use resulted in musculoskeletal camplaints and fatigue. So, it is necessary to repair the furnace fryer that can work with a convenient, save, healty, effective, efficient, and can increase the production of banana chips. Stove frying modified with 89,5 cm of length and 76 cm of hight, with the raw material drums. This furnance could reduced of musculoskeletal complains by 20% and it could increased production of banana chips by 42,1%.

Keywords ; Ergonomics, anthropometry, and Furnace Design.