知識管理應用於E化鞋體技術之開發—以餐飲從業人員工作鞋之設計為例

Applying Knowledge Management to Develop E-shoes Technology – a Case Study of Work shoes for Restaurant Workers

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摘要：市售之餐飲工作鞋其設計係以符合職場需要與工作場所安全為主要訴求，功能
性仍可提升，為此本研究採用知識管理之概念所建構創新之E化鞋體技術，依
據紅外線傳輸原理與計步原理，結合內建計數裝置技術之設計理念，開發出內
建式計步模組技術以及無線傳輸裝置技術，將其應用於餐飲工作鞋設計理念
中，透過計步裝置與無線傳輸功能之結合，不僅符合市場需求且能達到自我監
測身體適能與改善健康之目的，對於無暇從事運動之餐飲從業人員定有助益。

關鍵字：知識管理、E化鞋體技術、工作鞋、餐飲從業人員

Abstract: Work shoes were designed to fit the needs of the job and the safety of workplace as
the main demands, the function of the shoes could be improved. For this study, the
researchers constructed the innovative E shoe design concept, combined the
technology of built-counting device based on the infrared transmission and
pedometer principle, try to develop a built-in pedometer model technology and
wireless transmission device then used to design work shoes. Through the pedometer
device and wireless transmission function was Integrated, not only used to fit the
markets' demands and help the restaurant workers achieve the purpose of
self-monitoring on physical fitness and health improving.

Keywords: Knowledge Management, Technology of E Shoes, Work Shoes, Restaurant Workers