

Abstract for Scholars Week

Project Title: Evaluation of Forklift Warning Device Systems

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This presentation includes an analysis of perceived effectiveness and nuisance of different types of forklift warning device systems. Data was collected by a survey completed from forklift operators and pedestrians interacting with forklifts in multiple tape manufacturer facilities. The survey included questions evaluating the apparent effectiveness of different controls currently used by forklifts. A total of 186 surveys responses were collected from 149 pedestrians and 37 forklift operators. Results from data extrapolated from the surveys suggest that current forklift warning systems are effective in reducing the risk of contact between forklifts and pedestrians. Furthermore, survey results suggest that incorporating forward motion warning systems, which are not required by law, would also be effective in reducing the risk of contact between forklifts and pedestrians.