

# SAFETY ABSTRACT

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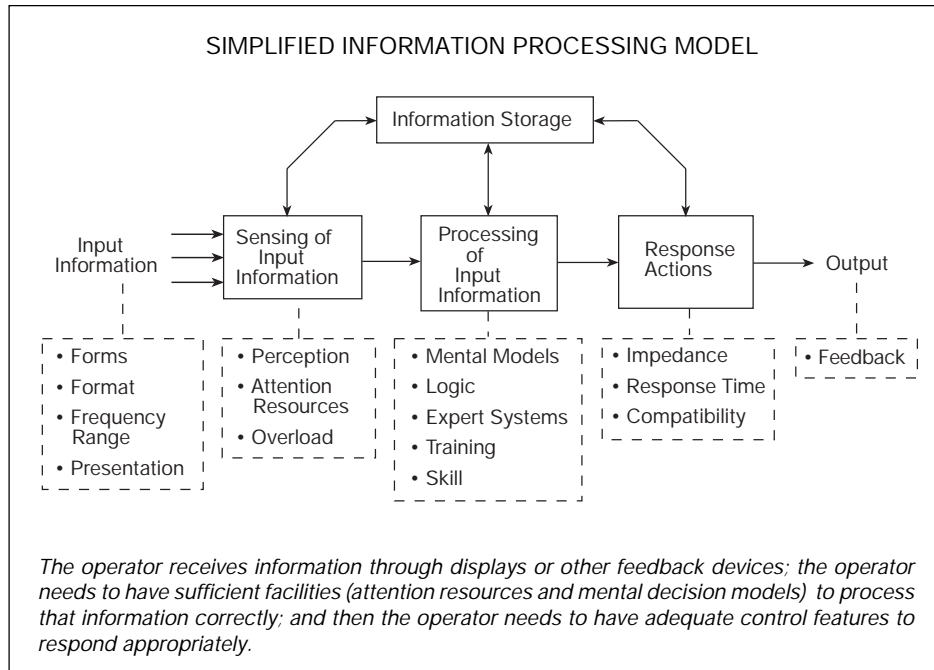


## TRIODYNE ENVIRONMENTAL ENGINEERING, INC.

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### Basic Considerations of Human Factors in Evaluating Systems, Information, and Displays\*

# AC947802

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The display and proper interpretation of information related to industrial equipment operations and processes is critical for safety and efficiency. This interpreting of information, or mental information processing, relies on such human capacities as perception, decision making, memory and performance. As designers and users attempt to increase productivity and enhance safety they are developing a heightened appreciation of the human factors' role of information processing by equipment and process operators. This paper addresses display and control design as it relates to human information processing. It does not address anthropometry of displays or controls.

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\* The text of this paper was presented at the WEFTEC '94, Water Environment Federation, 67th Annual Conference & Exposition. Additional information about human factors or copies of the entire paper are available upon request by contacting the author at the above location.

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