

HUMAN BEHAVIOR AND INDUSTRIAL SAFETY

minimize or ignore the work already being carried on to reduce accidents. Safety devices, safer machines, safe work layout, and many other aids and measures all are a part of the total program. The human factor is one more aspect of the whole involved system.

The total working atmosphere must be considered. Man controls his environment to a large degree, and everything which makes it warm, friendly, pleasant, and secure contributes to safety. If the work situation is perceived by the people to be cold, hostile, or threatening, it will work against

the objectives sought by safety men. The worker's reaction to the work place depends partly on the physical surroundings, but even more on the relationships he has with others. If these are good, the rest of the environment is of less importance, but if neither is good, the stage is set for accidents.

Men, machines, and materials are three of the main components of industry. They can be employed for safety. Machines and materials can be controlled, but the human factor must be guided in the interests of accident prevention.

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