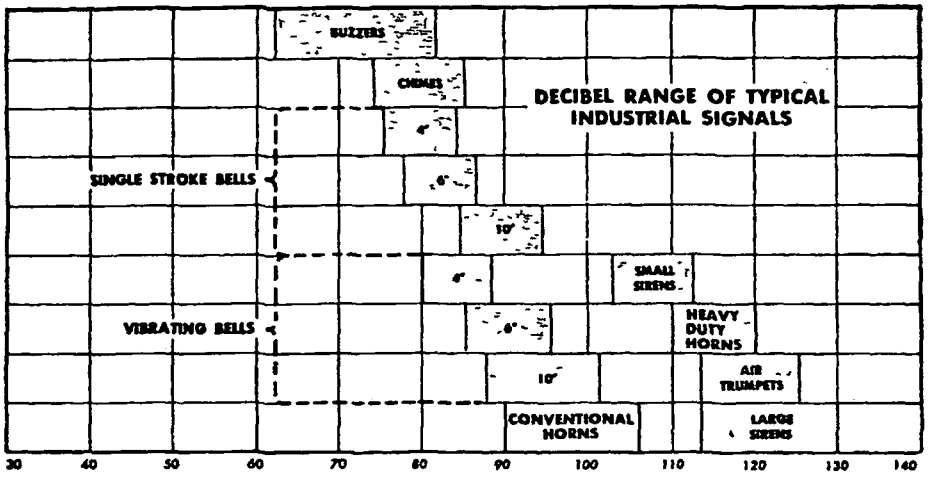


determine which signal type is most suitable for providing a signal audible under the given noise conditions

Courtesy Actual Specifying Engineer *Magazine*

should be equally spaced throughout the area

Prerecorded messages and telephone alerting systems Companies with public address systems should consider prerecording the employee emergency notification and instruction messages This would ensure that the message would be given in a clear, calm, and concise manner Since the instructions will vary for different types of emergencies, the recording should be clearly labeled and kept immediately available at the switchboard or with the public address system operator

In most parts of the country there is available from the telephone company (at a nominal rental charge to industry) an alerting installation known as the "Bell and Light System" The Air Defense Headquarters for a given area originates the alerting system Operators at military control points in the area then switch a control dial to a color which represents a specified signal All subscribers to the telephone company service will at once receive this signal on a special telephone This system affords industry an early and most reliable notification of impending attack

Fire prevention and protection

Because a fire can start from so many causes, fire prevention and fire protection must receive major attention in any emergency program

The company fire chief must be able to command men as well as have special training in fire prevention and protection A person who has had experience in city or volunteer fire department work, or a military service veteran with experience in fire fighting is a good choice In a smaller plant, a master mechanic, maintenance department head, or other employee with mechanical experience can be a good part-time fire chief

The fire chief should have one or more assistants who should have complete knowledge of the plant and equipment, command the respect and obedience of the men under them, and are qualified to perform the duties of the chief officer if he is absent

The size of the plant and the fire potential presented by the occupancy determine the kind of plant fire fighting brigade The majority of plants may require only first-aid fire fighters under the direction of departmental foremen or managers In larger plants, the fire brigade organization, directed by a full-time fire chief, is composed of full-time and emergency members The full-time members maintain fire brigade equipment and are responsible for the permanent fire protection of the plant Emergency members report for fire duty when the alarm is sounded