

Fact Finding Survey on Electrical Safety

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Abstract

The survey on electrical safety covered 26 manufacturing establishments. Prevailing working conditions were noted to gather baseline information concerning electrical installations, equipment and work practices. Results of the survey revealed factors which may cause electrical accidents. The more common unsafe conditions include of irregular wires, replacement of burnt out fuses with wires, unprotected and not elevated electric wires, and poor guarding of exposed current carrying parts. Unsafe acts noted were the lack of training of electrical personnel as to the use of tags and locks during repair or maintenance works on de-energized equipment and circuits and the non-use of proper personal protective equipment.