



SHAPE SAFETY BULLETIN #13

(Safety & Health In Arts Production & Entertainment)

GASOLINE OPERATED EQUIPMENT

As a reminder, the following information was disseminated to the Industry in 1974:

Internal combustion engine driven equipment shall be operated inside of buildings or enclosed structures only when such operation does not result in harmful exposure to concentrations of dangerous gas or fumes in excess of threshold limit values. If concentrations exceed the limit values, venting or other engineering controls are to be used to ensure that workers are not exposed to concentrations exceeding the applicable exposure limits. Applicable exposure limits for British Columbia can be found in Part 5, Table 5-4 of the British Columbia Occupational Health and Safety Regulation.

Section 5.73 (indoor operation) of the OHS Regulation states:

If mobile equipment powered by an internal combustion engine is operated indoors or in an enclosed work area:

- (a) the engine must be adequately serviced and maintained to minimize the concentration of air contaminants in the exhaust, and
- (b) the work area must be assessed to determine the potential for exposure of workers to harmful levels of exhaust components.

Section 5.74 (Emission controls) of the OHS Regulation states:

If a worker is or may be exposed to an exhaust gas component in concentrations exceeding the applicable exposure limits, exhaust gas scrubbers, catalytic converters, or other engineering controls must be installed.

Safety Bulletins Are Recommended Guidelines Only; Consult All Applicable Rules and Regulations

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