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72 p. Price
logy Series.

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ington, D. C.

LES

Fire. By
Transport.

Fire Pre-
d Mining

Petroleum
In (Fire

Effects of
Engineering.

In (Man-
628.)

Becomes
By T. R.
1947, p.

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Burlington Mills Corp.

Bristol Weaving Co., Bristol, Tenn.
—January 19, 1940, to date; 360 em-
ployees; 6,218,430 man-hours as of
December 17, 1947. A plaque and
flag are awarded for each million
man-hours without a disabling in-
jury. (Rayon weaving).

The Firestone Tire and Rubber Co.

Akron Mechanical Shop—Novem-
ber 12, 1946, to date; 2,000,000 man-
hours as of December 22, 1947.

New Orleans Public Service Inc.

New Orleans, La., — Mechanical
Operation Section, Power Division,
Electric Department—May 17, 1944,
to date; 51 employees; 500,000 man-
hours as of December 31, 1947.

Fume and Dust

—From page 52

tion and ultimate poisoning. The cut-
ting or welding of surfaces which
have been coated with paint contain-
ing lead has caused lead poisoning.

Welding of cadmium plated mater-
ial was attributed as the cause of ill-
ness and even death to a number of
individuals during the war. The re-
ported cases indicated that death oc-
curred in a comparatively short time
after the exposure.

Welding of galvanized metal causes
the volatilization of the zinc coating.
Temporary discomfort associated
with metal fume fever may result
from such exposure.

Where warranted, control of weld-
ing fumes is generally accomplished
by providing a mechanical ventilation
system. The type of ventilation used
is dependent upon the nature of the
welding. When the object to be weld-
ed is positioned in a fixture or jig it
is possible to obtain effective control
of the fumes by the use of a grill,
side hood, or flexible duct near the
source of fume. If the parts are large
and it is necessary to weld more than
a foot from a fixed point, it is difficult
to obtain good control of the fume
with reasonable air volumes through
a system using flexible ducts.

Since the effective range of most
flexible ducts is approximately eight
inches from the dust opening, it is
necessary for the welder to move the
duct whenever the arc is outside this
range. The practical result is that

ELIMINATE THIS

ACCIDENT REPORT

Joe Smith, Lathe Dept., slipped on oil
spilled. tore knee ligaments — Com-
pensation claimed.
Mary Brown, scrub woman, fell on
wet floor. dislocated hip — Compen-
sation claimed.
Pat Ryan, Receiving Dept., slipped
on wet platform, broke wrist — Com-
pensation claimed.

By
Using

SKIDMASTERS



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slipping hazard
there's a possible
time lost accident, a
possible compensa-
tion claim and a
need for sure-grip
easy-to-wear SKID-
MASTERS.

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or other slippery surfaces. Indoors or out, SKIDMASTERS
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