NOTE
The Society is not responsible, as a body,
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Foreword

This Handbook of Vapor Degreasing is presented as a guide to consumers who desire the essential information on the vapor degreasing process. The information contained should help to determine if the vapor degreasing process is best suited for the particular cleaning requirements. Consumers who are currently operating vapor degreasing equipment will benefit by following the procedures recommended. The benefits will be reflected in a better cleaning at lower cost and with greater safety. The manufacturers of vapor degreasing equipment and degreasing solvents maintain trained technical staffs who should be consulted for advice on specific applications and problems.

The Handbook is sponsored by ASTM Committee D-26 on Halogenated Organic Solvents.
Related
ASTM Publications

Cleaning Stainless Steel, STP 538 (1973),
$18.00, 04-538000-02

Cold Cleaning with Halogenated Solvents,
STP 403 (1966), $2.75, 04-402000-15
A Note of Appreciation
to Reviewers

This publication is made possible by the authors and, also, the unheralded efforts of the reviewers. This body of technical experts whose dedication, sacrifice of time and effort, and collective wisdom in reviewing the papers must be acknowledged. The quality level of ASTM publications is a direct function of their respected opinions. On behalf of ASTM we acknowledge with appreciation their contribution.

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Contents

Process Description

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   Degree of Cleanliness Required
   Limitations

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Limitations

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      Monorail Conveyors
FIG. 3 — Liquid-liquid-vapor crossbar degreaser

FIG. 4 — Loading and unloading devices can be incorporated to automate crossbar conveyors; work can be picked up from and returned to plant conveyors

FIG. 5 — Vapor-spray-vapor monorail degreaser

FIG. 6 — Offset condenser vapor-spray-vapor degreaser

FIG. 7 — Water separator: A = solvent and water inlet, B = vent, C = water outlet, and D = solvent outlet

Tables

TABLE 1 — Physical properties of vapor degreasing solvents

TABLE 2 — Standards related to control of health hazards

TABLE 3 — Properties related to control of health hazards

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TABLE 5 — Flammability properties of vapor degreasing solvents

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