

Monographs on Refinery Environmental Control— Management of Water Discharges

Design and Operation of Oil-Water Separators

API PUBLICATION 421
FIRST EDITION, FEBRUARY 1990



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FOREWORD

The *Monographs on Refinery Environmental Control* consist of four series—*Management of Emissions to Air*, *Management of Water Discharges*, *Management of Solid Wastes*, and *Management of the Subsurface Environment*. The monograph series are ongoing projects of the Committee on Refinery Environmental Control of the API Refining Department and are intended to be used by engineers responsible for the design, construction, operation, and maintenance of disposal systems for wastes generated in refineries.

This monograph provides design guidance for gravity-type oil–water separators for use in petroleum refineries, provides practical advice on solving operating problems and improving separator performance, and presents information on performance of existing refinery separators.

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Suggested revisions are invited and should be submitted to the director of the Refining Department, American Petroleum Institute, 1220 L Street, N.W., Washington, D.C. 20005.

CONTENTS

| | Page |
|--|-----------|
| SECTION 1—GENERAL | 1 |
| 1.1 Introduction | 1 |
| 1.2 Background | 1 |
| 1.3 Basic Theory | 1 |
| 1.4 Application | 2 |
| 1.5 Referenced Publications | 3 |
| SECTION 2—CONVENTIONAL OIL–WATER SEPARATORS | 3 |
| 2.1 Design Procedures | 3 |
| 2.1.1 General | 3 |
| 2.1.2 Wastewater Characterization | 3 |
| 2.1.3 Establishing a Design Flow | 4 |
| 2.1.4 Step-by-Step Design Calculations | 6 |
| 2.1.5 Design Example | 9 |
| 2.2 Construction Details | 11 |
| 2.2.1 General | 11 |
| 2.2.2 Inlet Section | 11 |
| 2.2.3 Separation Section | 13 |
| 2.2.4 Other Design Features | 19 |
| 2.3 Performance | 21 |
| SECTION 3—IMPROVING THE PERFORMANCE OF EXISTING SEPARATORS | 22 |
| 3.1 General Approach | 22 |
| 3.2 Process Troubleshooting | 22 |
| 3.2.1 Design Review | 22 |
| 3.2.2 Emulsified Oil | 22 |
| 3.2.3 Flow Surges | 24 |
| 3.3 Dealing With Emulsified Oil | 24 |
| 3.4 Retrofitting Existing Separators With Parallel Plates | 24 |
| SECTION 4—PARALLEL-PLATE SEPARATORS | 25 |
| 4.1 General | 25 |
| 4.1.1 Introduction | 25 |
| 4.1.2 Design | 25 |
| 4.1.3 Wastewater Characteristics Required for Separator Sizing | 25 |
| 4.1.4 Parallel-Plate Surface Area | 25 |
| 4.1.5 Maintenance | 26 |
| 4.2 Construction Details | 26 |
| 4.3 Performance | 26 |
| SECTION 5—OPERATION AND MAINTENANCE OF OIL–WATER SEPARATORS | 28 |
| SECTION 6—REFERENCES | 30 |
| APPENDIX A—DERIVATION OF BASIC EQUATIONS FOR DESIGN OF OIL–WATER SEPARATORS | 31 |
| APPENDIX B—DETERMINATION OF SUSCEPTIBILITY OF SEPARATION | 33 |
| APPENDIX C—SELECTED RESULTS: 1985 API OIL–WATER SEPARATOR SURVEY | 35 |
| APPENDIX D—TEST FOR SPECIFIC GRAVITY OF OIL IN WASTEWATER | 39 |