

PLANT DESIGN MANAGEMENT SYSTEM



Piping Catalogues and Specifications.



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PDMS ADMINISTRATOR

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PDMS ADMIN

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Syllabus

- ✓ **Volume-I** Introduction
- ✓ **Volume-II** Project Creation Wizard
- ✓ **Volume-III** Admin
- ✓ **Volume-IV** Paragon
- ✓ **Volume-V** Specorn
- ✓ **Volume-VI** Propcon
- ✓ **Volume-VII** Lexicon
- ✓ **Volume-VIII** Draft Admin
- ✓ **Volume-IX** ISO Draft Admin
- ✓ **Volume-X** Design Admin



VOLUME-I

INTRODUCTION

1. Overview of PDMS & PDMS ADMIN
2. PDMS Modules Types & purpose
3. PDMS Admin login
4. Purpose of User & MDB

VOLUME-II

Project Creation Wizard

1. PROJECT CREATION & SETUP
2. PDMS Project Structure
3. Project backup
4. Restore project
5. Evers file modification
6. project code
7. project variables folder
8. Detail of project

VOLUME-III

ADMIN

1. PDMS Admin Login (Summary).
2. Teams and Users creation
3. Modification of Team & Users
4. Multiple Data Base (MDB)
5. Creating the Main Admin Elements
6. Create new Database and Extracts
7. Databases(Creating, Modifying, Deleting)
8. Make Utility
9. Display Mode
10. Integrity Checker
11. Configuring the Admin Element form
12. Copy teams and users
13. Multi write database and extracts
14. Project Administration
15. Replicating a Project
16. NT Authentication
17. How modules are defined
18. Administrator command
19. Transaction Database
20. Locking the project Database



VOLUME-IV

PARAGON

1. Create catalogue form
2. Catalogue Database Structure
3. Create section form
4. Piping Sections/Categories
5. Parameters
 - i. Component Parameters
 - ii. Insulation Parameters
 - iii. Structural Parameters
 - iv. Design DB Parameters
6. 3D Geomset Primitives & Negative 3D Geomsets
7. Constructing 3D Pointsets
8. Geomset Primitive Representation
9. 3D Pointsets
10. Create part world form
11. Create family form
12. Create category form
13. Catalogue property definitions form
14. Text definition form
15. Detail and material text
16. Properties form
17. Convert SPEC form
18. Utilities
19. Create, Categories and Templates
20. Understanding parameters
21. Nozzle Specification form
22. Create specification form
23. Create category for room design
24. Draft symbol set
25. Basic Element Operation Commands
26. COCO TABLES
27. Bolting Tables
28. Error Messages

VOLUME-V

SPECORN

1. Introducing SPECON
2. Catalogue and specification
3. How to use SPECON
4. Create Specification World Form
5. Create Specification Form
6. Create Part World Form
7. Create Part Family Form



8. Create DTSE Form
9. Convert Spec Form
10. Details of typical specifications
11. Spec Generator Specific Tools
12. Specification Structure Form
13. Nozzle Specification Form
14. Create Specification Form
15. Bolting Specifications
16. Command syntax diagrams
17. Error Messages.

VOLUME-VI

PROPCON

1. Introduction
2. Properties data
3. Design layout data
4. Material property data
5. Case data
6. Component data
7. Constraints data
8. Run data
9. General commands
10. Use of groups
11. PROPCON syntax Graphs
12. The properties database elements

VOLUME-VII

LEXICON

1. Starting Lexicon
2. Dictionary Explorer
3. Current Element Editor
4. Creating Element
5. Create UDA or USDA
6. Create a UDET
7. UDA Attributes
8. 8 .Valid Values
9. Limits
10. Creating new UDAs & copying UDA Definitions
11. Use of Goto
12. Handling of UDA in Reports and Expressions
13. Handling of UDAs in data output Macros
14. Handling OUDAs in Project Reconfiguration
15. 15 . SPEC Selection.



VOLUME-VIII

DRAFT ADMIN

1. Setting the system defaults
2. Layer purpose Definitions
3. Sheet size defaults
4. Setting plotting options
5. Changing your working library
6. Sheet library Administration
7. Symbol library Administration
8. Lab library Administration
9. Style library Administration
10. Representation library Administration
11. Draw list library Administration
12. Tag rule library Administration
13. Libraries supplies with draft

VOLUME-IX

ISODRAFT ADMIN

1. Command Summary
2. Setting UP ISO Draft
3. Bolting
4. Design Requirements
5. Piping components in ISODRAFT
6. Customising the drawing Sheet
7. Material list and reports
8. ISO Metric drawings
9. Alphabetical Command reference
10. Symbol keys
11. Alternative Text
12. Material Control file
13. Standard ISO options creating Modifying
14. Options → Plotting

VOLUME-X

DESIGN ADMIN

1. Design Templates
2. Query data access control
 - I. User Right
 - II. Element Access
3. Settings →Purposes
4. How to customization Commands
5. Command window
6. Settings →Check Defaults
7. Import Equipment



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8. Standard Equipment Catalogue Creating
9. Export
10. Representation.
11. 11 .System Hierarchy

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