

PDMS BASICS AND FUNCTIONS

PDMS Fundamentals

User Interface Basics
Displaying Modelled Elements
Working with 3D Views
Attributes, Positioning and Orientation
General Utilities

Introduction to Model Editor

BASIC EQUIPMENT MODELLING

Equipment Modeling Using Templates

Equipment Utilities
Volume Modeling
Creating Primitives
Nozzle and nozzle connections
Pdms pipe work modeling

Pipe work modeling

Pipe routing
Replacing Components
Data consistency check
Interference or clash detection
Hole Management

Isometric Production

Sloping/Falling Pipelines
Alternative Positioning forms
Pipe Assemblies
Pipe splitting
Pipe editing (component bore/specification)
Pipe routing using bends selected via a Pipe
Fabrication Machine
Production Check

PDMS STRUCTURAL MODELING

Setting up the design database hierarchy for
structural modeling
Beams & columns

Modifying Structural Sections

Beam & column Utilities

Section Fittings and Joints

Panels & Plates

Negative Extrusion and Panel Fittings

Material Assignment

PDMS DESIGN UTILITIES

Clash Detection

Quick Reports

Report Templates

Surface Treatment

Mass Properties

Linking Documents to Design Elements

Status Control

Representation Rules in Design

PDMS DRAWING PRODUCTION

Draft Features

The PDMS Draft Database Hierarchy

Creating Drawings and sheets

Creation and Modification of views

Dimensioning

Labeling

2D Drafting

Section Planes