



**YourOwn**

YourOwn Institute of Training and Professional Development

# PDMS

**(Plant Design  
Management System)**

**24 hours of Training**



## EQUIPMENT DESIGN & PIPING DESIGN

- The principles of a database within the PDMS design hierarchy.
- The way catalogues, specifications and design data link together.
- Basic use of a workstation, mouse, keyboard (only if required).
- Using the graphical user interface to select options from the menus.
- Building up a model from real engineering drawings by creating, orientating and positioning equipment using any of the mixture of design primitives.

## THIS WILL INVOLVE THE FOLLOWING PRACTICAL STAGES:

- Routing simple pipes (basically orthogonal routes) using the Query facility.
- Checking the modelled pipework for any data consistency errors, interpreting any errors found and carrying out the necessary modifications.
- Producing reports on any elements in the design data, illustrating the scope for variation in selection & report format.
- Checking the model for any interference (Clash Detection), producing error reports

& interpreting any errors found & making the necessary modifications.

- Understanding the differences between on-line and command line Clash
- Detection, how & when to use each type.

## STEEL DESIGN

- Regular steelwork, columns & beams, nodes, joints and fittings.
- Platforms: Access stairs & Ladders

## PRODUCTION DRAWING

- How the hierarchy in the Drawing Production Module (DRAFT) is constructed.
- Using the graphical user interface to select required options from the on-screen and pull down menus.
- How to use the drawing production tools
- How to produce completed drawings & plot files, using the Drawing Production tools.
- Creating new drawings containing single or multiple views.
- Seeing the effects of design data changes on the drawings.
- How to insert dimensions and annotations on any view using 'Intelligent text' to extract data from the design database.

- Creating simple detail views of areas of interest and scrap views.
- Creating a section to show particular view information.
- Using the extensive 2D drawing facilities.
- The use of local rule changes

## ISOMETRIC

- The different forms of piping isometrics and the variations in their format.
- Where the reference data is stored within PDMS and the format in which it is extracted by the isometric system.
- Using the graphical user interface to select required options from the on-screen and pull down menus.
- Producing isometric drawings for the drawing frame & title block pipe picture material list, using any of the available options.
- Producing bespoke isometrics to suit company requirements.
- How the isometric system would be used in a production environment and the controls available for revising or reissuing drawings.
- Controlling drawing content for fabrication and managing weld and material traceability

## ABOUT US

YourOwn Institute of Training & Professional Development is established in May 2021 with the approval from DED & KHDA-Dubai.

A set of experienced Educational Experts, world class Trainers and Professional consultants who know the need and pulse of the working force, are behind this venture. This Institute is developed after doing immense market survey from the working force and the Corporates. We collected feedback from them and realised what they want exactly to upgrade in their professional career.

As the name suggests it is 'YourOwn Institute'. We are committed 100% Customer happiness. Excellent consultation, career counselling based on TNA and world class training are our highlight.

We at YOI, offer you a wide range of Professional courses. Whichever field you are working, we have a course for your Professional Development. We provide a complete exam preparation for Professional courses like ACCA, CIMA, CMA, CPA, CIA, CFE, CAMS, IATA courses, international HR Certifications, PMP, Six Sigma, NCMA programs and many more. Besides these, we have KHDA certificate

programs on Airline and travels, Accounting and finance, Engineering, IT, Languages, Logistic and Supply chain and courses related to Management. All these courses are approved globally and attracts employment opportunities from Multinational companies.

We at YourOwn Institute also provides excellent coaching and training for the Corporates. We have a team of Professionals who can tailor made and customize the programs for you in a very affordable budget and we guarantee your satisfaction as an end result. We also offer you one day and two-day workshops to upgrade the skills of your employees.

We are offering both Online and on-site classes. We are open to conduct the classes at our premises, your company premises, Hotels or any venue according to your convenience. We guarantee on quality and satisfaction on every situation.

Please walk-in to our office and feel the difference in customer service and get your dream course and Certifications.



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