

PDS® Weld Management



PIPING WELD DATA MANAGEMENT FOR PDS

PDS® Weld Management automatically generates piping isometrics including weld numbers. Formerly known as TechServer e-Weld, the solution creates construction drawings through a seamless link with PDS and ISOGEN®.

PDS Weld Management provides automatic repeatability of piping weld data between PDS and ISOGEN. Construction drawings needed in the field can be created in the PDS environment at very low cost.

WELD NUMBER CONSISTENCY

PDS Weld Management automatically generates weld numbers and displays them on the isometric drawing. Each weld number is saved in each component in the model through the "cp_n_weld_no" column in the design database. The highest weld number is saved in the project database and is used for the re-extraction isometric drawing when the model is revised.

PDS Weld Management provides a weld number repeatability feature. When a drawing is re-extracted, its weld number is recalled to extract the isometric drawing after modifications have been made in the piping model. Weld numbers are assigned to the line in sequence starting with 1, and are incremented by 1. When a model is revised or component

is added in model, the new weld number will be the highest existing weld number plus one.

INTERACTIVE WELD EDITING

PDS Weld Management provides interactive functionality for confirmation and modification of weld numbers in a modeling environment. You can confirm and modify weld numbers manually in the PDS Piping Designer environment.

PDS Weld Management's interactive function searches the number of connect points automatically from the selected piping component. If a component's weld number is revised, then the connected component's weld number will be revised automatically.

KEY BENEFITS

- Boost accuracy with improved weld data management
- Ensure consistency by storing weld information in design database
- Gain ease-of-use since no training is needed for current PDS users to learn PDS Weld Management
- Prevent field rework and shorten construction schedules with accurate construction drawings
- Save time with powerful batch running functionality

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