

Q: The foundation objects shown in this webinar are not CADWorx objects?

A: No. They are used for reference in this presentation.

Q: For bolted connections, do details also come in?

A: No. For bolted connections only the gap tolerance set in the Configuration file is applied.

Q: If the top rack widens, how easy is it to move the columns, extend the I-beams and re-cope?

A: Changes automatically update. Users can stretch or change members and cope is updated.

Q: How can we integrate CADWorx Equipment within CADWorx Plant?

A: Please email CADWorx@Intergraph.com for instructions or go to the CADWorx User Guide do a search for "Equipment". A topic will be listed titled "Running CADWorx Equipment or PV Fabricator with CADWorx Plant" this will walk you through this easy setup.

Q: Is it possible to produce support drawings from CADWorx with steel?

A: Support drawing for Steel are not automatically created.

Q: how are pipe supports modeled?

A: We have a Pipe Support Palette for modeling. There is a separate webinar for pipe supports. Please email CADWorx@Intergraph.com for this link.

Q: For the design review, you said that it must be installed separately, but is included in Plant Professional?

A: Yes. If you own a seat of CADWorx Plant Professional, CADWorx Design Review is included. There is also a separate webinar for design review. Please email CADWorx@Intergraph.com for this link.

Q: Can you specify different layers for handrail, columns, beams, ladder..etc

A: At this moment Steel entities are on one layer. Additional options are being developed.

Q: Can you add insulation to pipe only and still leave the elbows and valves without?

A: Yes. The Insulation Palette allows you to select my line numbers or by selection set.

Q: Can steel be tied with a database?

A: Yes. Piping, Steel and HVAC can be setup to be sent to a live database. The database options are Access, SQL Server or Oracle.

Q: When we model the valves, can we set the valves counter flanges/gaskets/bolts to come in the model automatically?

A: In CADWorx 2010 and prior gaskets come in automatically, the bolts are inserted by a command to be applied to all flanged connections at the end of the project and flanges have to be inserted separately. In CADWorx 2011, flanges, gaskets and bolts will be inserted automatically based on the users piping rules setup.

Q: If we want to do a composite analysis in CAESAR, is it possible to export the rack and piping together to CAESAR and does the support location will be retained in the analysis

A: Yes. Both the piping and steel can be exported to CAESAR. The piping is exported as a C2 file and the steel is exported as a STR file. The commands used in CADWorx to export to CAESAR are C2OUT/C2IN, this is for piping only. The command to export a CADWorx pipe rack to CAESAR is SEXPORT, this is for steel only. For CAESAR the piping retains the support location but steel only imports the general structural model. In CAESAR a node will have to be created on the structural elements so users may attach a steel element to the CNODE of a piping support.

Q: Does the handrail include a kick plate?

A: Yes, there is a kick plate on the handrail.

Q: For wafer valves, how can you have only one set of bolts with proper lengths?

A: We suggest you run the AUTOBOLT command and erase the 2nd pair of bolts that CADWorx automatically places. After erasing do a CEDIT and modify the bolt description with the desired length. You may want to try the Non-Standard bolt option as well.

Q: Can we model insulation on the vessels and exchangers in CADWorx Equipment?

A: Yes. There is an Insulation option for Equipment in the equipment palette.

Q: can you add cable tray?

A: Yes. Cable Trays may be added using our HVAC dialog.

Q: Does CAESAR work with AutoCAD?

A: CAESAR is a standalone program. It does not require AutoCAD. CAESAR can load the CADWorx model so an engineer may see the overall model. CAESAR can also create Stress Isometrics as an AutoCAD DWG file.

Q: is there a place where I can see a list of the new 2011 features?

A: Not at this moment. We will be holding a series of Webinars on CADWorx 2011 starting July 27. Please visit the Insider Blog for more information.

Q: Can you modify an AutoCAD MEP drawing in CADWorx?

A: No.

Q: How do you handle large solids file sizes?

A: For large files we recommend users organized their models with AutoCAD's External References.

Q: Can we generate Bill of Material of Equipments from CADWorx Equipment?

A: In CADWorx Equipment a nozzle schedule can be created. If you are looking to create a complete bill of material take a look at PV Fabricator.