STATUS_ and FLAG Database Columns

Note 1: These columns are a "bitwise" number that represent several settings for a CADWorx component. The value stored in the database is a summation of settings used. For example: A value of 5 specifies that a setting of 1 and a setting of 4 is used for the component.
Note 2: STATUS_ column is stored as character text in CADWorx P&ID database

CADWorx P&ID (STATUS_ database column)	
Value	**Setting**
1	If bit is on, process line or instrument line breaking priority 1 is set (A priority 2 line will break when intersecting a priority 1 line – and so on)
2	If bit is on, process line or instrument line breaking priority 2 is set
4	If bit is on, process line or instrument line breaking priority 3 is set
8	If bit is on, process line or instrument line breaking priority 4 is set
16	If bit is on, process line or instrument line breaking priority 5 is set
32	If bit is on, process line or instrument line breaking priority 6 is set (this bit is not used)
64	If bit is on, process line or instrument line breaking priority 7 is set (this bit is not used)
128	If bit is on, update block attributes (On by default)
256	If bit is on, this is a FROM link arrow. If this bit is off, this is a TO link arrow
512	If bit is on, underline tag attribute for mechanical and vessel components (On by default)
1024	If bit is on, this is an embedded instrument (No graphic in drawing file – only a row in the database)
2048	If bit is on, this row will update multiple graphics entities in drawing (Used with Matched IDs)
4096	If bit is on, do not update process information for process lines
8192	If bit is on, manual update loop or line number or manual update size or spec.
16384	Not used

CADWorx Plant (FLAG database column)	
Value	**Setting**
1	If bit is on, this is a valid CADWorx component. If bit is off, ignore this component.
2	If bit is on, world points from XDATA are used. If bit is off, real points from XDATA are used.
4	If bit is on, this is an existing component.
8	If bit is on, this component has CAESAR II data or Insulation data
16	If bit is on, this is other half of component created with Break Pipe command.
32	If bit is on, this is an open spectacle blind. If bit is off, this is a closed spectacle blind.
64	If bit is on, bent component is based on pipe data file. If bit is off, bent component is based on elbow data file (Scaled Component up to V3.2).
128	If bit is on, this component has CAESAR II Material data.
256	If bit is on, this component is a Butt-weld Valves. If bit is off, this component is a flanged valve.
512	If bit is on, addition CADWorx information is available
1024	If bit is on, this component was an Optional Component from the spec.
2048	If bit is on, this is an “Erection” item for BOM purposes. (If all three bits (2048, 4096, 8192) are off, this is a “Fabrication” item for BOM purposes).
4096	If bit is on, this is an “Offshore” item for BOM purposes.
8192	If bit is on, this is an “Other” item for BOM purposes. (Not Used With ISOGEN).
16384	Not used