



<h1 style="text-align: center;">PIPING COMPONENTS REQUEST FOR AVEVA E3D</h1>				
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PIPING COMPONENTS REQUEST FOR AVEVA E3D

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Internal use only

Pages modified in this revision:


Rev	Date DD/MM/YYYY	OBJECT	WRITTEN BY	CHECKED BY	APPROVED BY
DOCUMENT REVISIONS					

Sections changed in this revision are identified with a vertical line in the margin

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REVISION MEMO

REVISION	SHORT DESCRIPTION
1	8. NOT WORKING COMPONENTS (NWC)

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AVEVA E3D**




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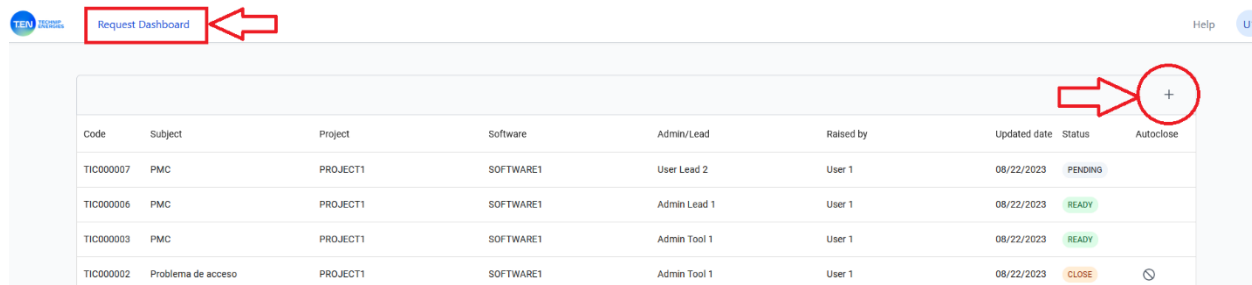
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3. CREATE A NEW TICKET PITREQUEST-V2

When you are registered you will have access to the Request Dashboard. Create new ticket is easy, you only need to use the **+** button.



We can consider the New Ticket Form in three parts separately.

3.1 SUBJET AND DESCRIPTION

In general Ticket, You can write tha you consider better in Subject and Description.

But in order to create a useful Piping Component Request we need to:


1. Indicate the type of component that we need in the **SUBJECT**. Options are: PMC, SP, INST or ATTA
2. **DESCRIPTION**: We must indicate the corresponding information according this instruction.

Create ticket

Make sure the ticket is correct, you will not be available to delete the ticket.

Subject

Description

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3.2 INFORMATION ABOUT THE PROJECT

We must indicate: project, software and the administrator that corresponds.

Project

TOTAL-GALAXIE (800238) ▼

Charter

Select a charter ... ▼

Software

AVEVA EVERYTHING 3D (E3D) ▼


Admin

Miguel Barroso Casillas ▼

3.3 ATTACHMENTS

We can attach 3 files maximum, and size 2 mb.

Attachments



Click to upload or drag and drop

Create ticket

4. PIPING MATERIAL COMPONENTS (PMC)

First of all, we have to indicate in the Subject that we need a PMC

Subject : **PMC**

And It is also necessary to describe the PMC the following data:


Description: (Copy & Paste in the Ticket, complete the data)

A) Pipe Fitting . Flange , Gasket , Bolts :

Type of Component:

Piping Class:

Size1/Size2:

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B) Valves and miscellaneous:

Type of Component:

Piping Class:

Size1/Size2:

PIDs:


Process Line:

Some examples:

PIPE FITTING, FLANGE, GASKET, BOLTS	VALVES AND MISCELLANEOUS
<p>Create ticket</p> <p>Make sure the ticket is correct, you will not be available to delete the ticket.</p> <p>Subject</p> <p>PMC</p> <p>Description</p> <p>Type of Component: TEE-REDU Piping Class: A1A1 Size1/Size2: 150/50</p>	<p>Create ticket</p> <p>Make sure the ticket is correct, you will not be available to delete the ticket.</p> <p>Subject</p> <p>PMC</p> <p>Description</p> <p>Type of Component: GATE VALVE Piping Class: A1A1 Size1/Size2: 50/50 PIDs: PID0001 Process Line: CWL-0001</p>

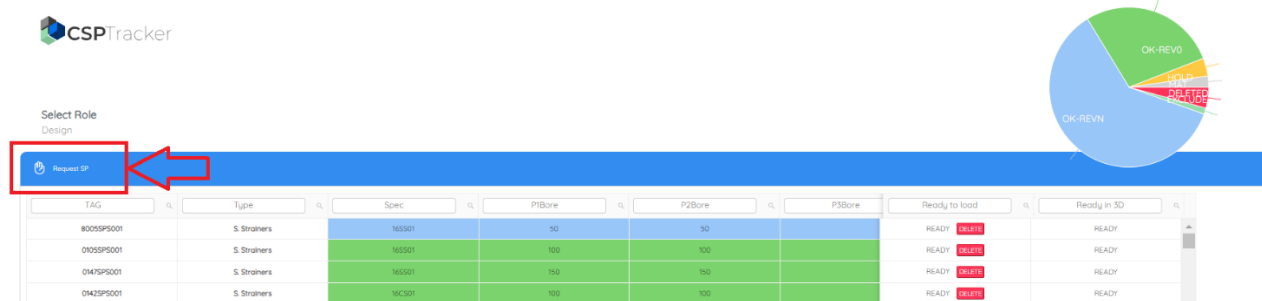
In any case, in a PMC ticket we must switch on the following button.

Create ticket	Create ticket
<p><input type="radio"/> PMC</p> <p>Make sure the ticket is correct, you will not be available to delete the ticket.</p> <p>Subject</p> <p>Description</p>	<p><input checked="" type="radio"/> PMC</p> <p>Make sure the ticket is correct, you will not be available to delete the ticket.</p> <p>Subject</p> <p>Description</p> <p>Type of Component: Piping Class: Size1/Size2: PIDs: ProcessLine:</p>

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5. SPECIAL PIECES (SP)

Special Pieces are stored and managed within **CSPTracker** application inside **3DTracker**



TAG	Type	Spec	P1Bore	P2Bore	P3Bore	Ready to load	Ready in 3D
8005SP5001	S. Strainers	160301	50	50		READY DELETE	READY
0105SP5001	S. Strainers	160301	100	100		READY DELETE	READY
0147SP5001	S. Strainers	160301	150	150		READY DELETE	READY
0142SP5001	S. Strainers	160301	100	100		READY DELETE	READY

6. INSTRUMENTS (INST)

6.1 GENERIC INSTRUMENTS

Subject : **INST**

Description:

Type of Component: [See Table 3 \(copy & paste\)](#)

Piping Class:

From Size:

To Size:

End Preparation: [See Table 1 \(copy & paste\)](#)

Rating: [See Table 2 \(copy & paste\)](#)

BOLT TYPE: (Will be detailed by Material department)

6.2 PSV

Subject : **INST**

Description:

Type of Component: **PSV**


Tag:

Inlet: PipingClass-Diameter-Rating (e.g.: A1A1-DN25-PN16)

Outlet: PipingClass-Diameter-Rating (e.g.: A1A1-DN50-PN16)

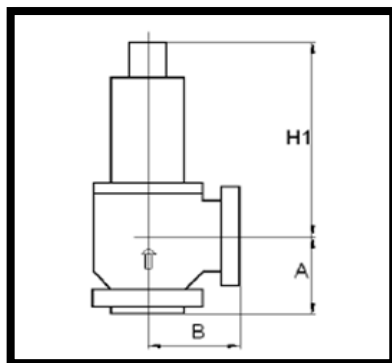
Dimensions: H1: A: B:

BOLT TYPE: (Will be detailed by Material department)

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Attachment:

A PSV Drawing is mandatory in order to calculate the length of bolts.



6.3 SPECIAL INSTRUMENTS

Subject : INST

Description:

Type of Component: Special Instrument

Tag:

Piping Class:

Size1/Size2:

Attachment:

A PSV Drawing is mandatory in order to define geometric dimensions.

7. ATTACHMENT POINT ELEMENTS (ATTA)

Subject : ATTA


Description:

Type of Component: See Table 4 (copy & paste)

Piping Class:

From Size:

To Size:

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8. NOT WORKING COMPONENTS (NWC)

This paragraph explains how to report components that you consider that it does not work properly.

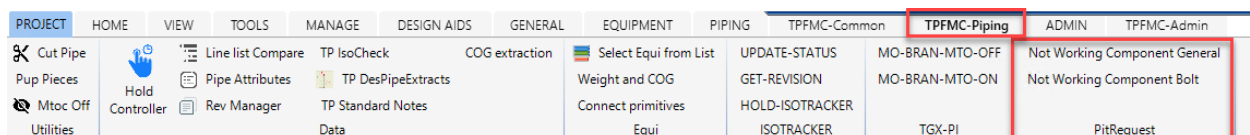
Subject : NWC

Description:

For appropriate description of the NWC use the following buttons including in the Tab TPFMC-Piping, Group 'Pitrequest'. Copy and paste the information from the command windows.

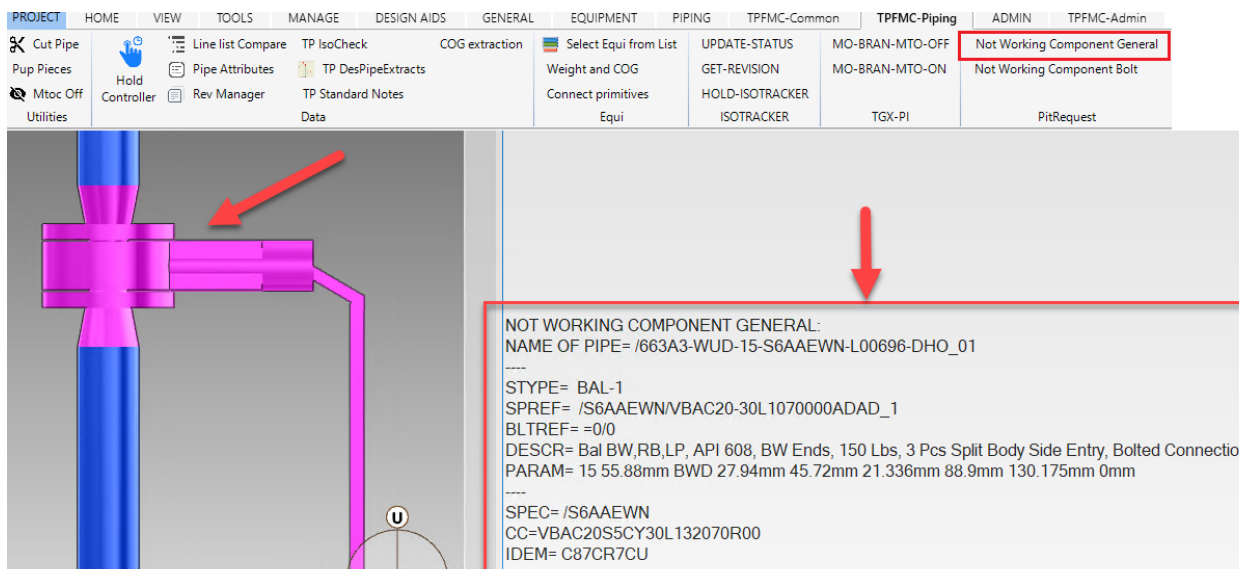
Attachment:

An Isometric Drawing (.pdf) would be useful.



8.1 NOT WORKING COMPONENT GENERAL

Select the component that you consider that it does not work properly. Click the 'Not Working Component General' button.



Copy and paste the information indicated in the command windows. PitRequest Ticket must have the following appearance:

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Create ticket

☐ PMC

Make sure the ticket is correct, you will not be available to delete the ticket.

Subject

NWC

Description

NOT WORKING COMPONENT GENERAL:

NAME OF PIPE= /663A3-WUD-15-S6AAEWN-L00696-DHO_01

STYPE= BAL-1

SPREF= /S6AAEWN/VBAC20-30L1070000ADAD_1

BLTREF= =0/0

DESCR= Bal BW,RB,LP, API 608, BW Ends, 150 Lbs, 3 Pcs Split Body Side Entry, Bolted Connection, Floating Ball, Seat Rin/S-40S..

PARAM= 15 55.88mm BWD 27.94mm 45.72mm 21.336mm 88.9mm 130.175mm 0mm

SPEC= /S6AAEWN

CC=VBAC20S5CY30L132070R00

IDEM= C87CR7CU

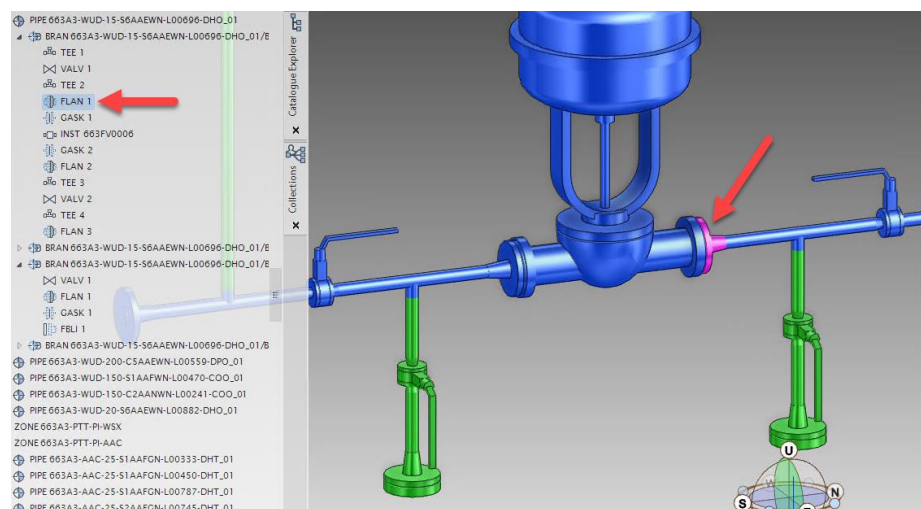
USER PROBLEM DESCRIPTION: CHECK FACE TO FACE DIMENSION

Please include a short **description** of the problem.

Note that the PMC button must be **switch off**.

8.2 NOT WORKING COMPONENT BOLT

Select the first element of the **flanged connection**. From Head to Tail, first element will appear upper in the branch.

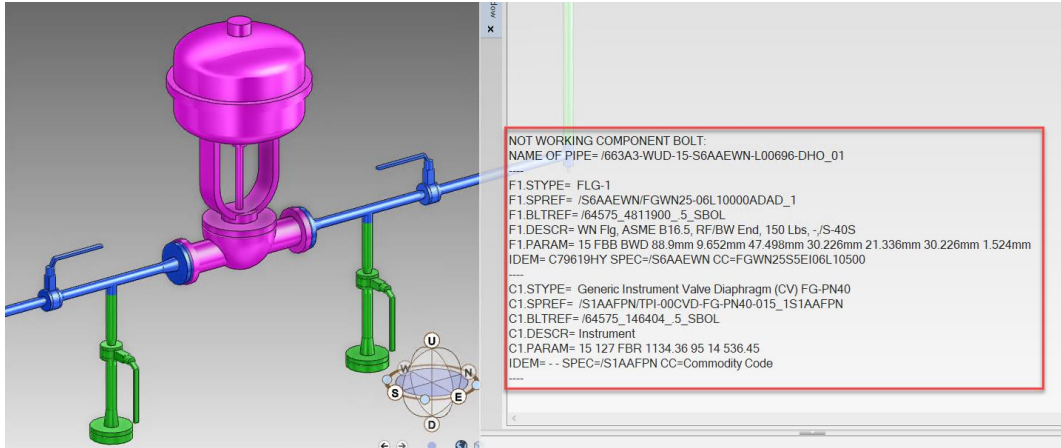


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Copy and paste the information indicated in the command windows.



PitRequest Ticket must have the following appearance:

Create ticket
☐ PMC

Make sure the ticket is correct, you will not be available to delete the ticket.

Subject

NWC

Description

NOT WORKING COMPONENT BOLT:
NAME OF PIPE= /663A3-WUD-15-S6AAEWN-L00696-DHO_01

F1.STYPE= FLG-1
F1.SPREF= /S6AAEWN/FGWN25-06L10000ADAD_1
F1.BLTREF= /64575_4811900_5_SBOL
F1.DESCR= WN Flg. ASME B16.5, RF/BW End, 150 Lbs. -/S-40S
F1.PARAM= 15 FBB BWD 88.9mm 9.652mm 47.498mm 30.226mm
21.336mm 30.226mm 1.524mm
IDEM= C79619HY SPEC=/S6AAEWN CC=FGWN25S5EI06L10500

C1.STYPE= Generic Instrument Valve Diaphragm (CV) FG-PN40
C1.SPREF= /S1AAFPN/TPI-00CVD-FG-PN40-015_1S1AAFPN
C1.BLTREF= /64575_146404_5_SBOL
C1.DESCR= Instrument
C1.PARAM= 15 127 FBR 1134.36 95 14 536.45
IDEM= - - SPEC=/S1AAFPN CC=Commodity Code

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8.3 NOT WORKING COMPONENT DESCRIPTION.

PROJECT HOME VIEW TOOLS MANAGE DESIGN AIDS GENERAL EQUIPMENT PIPING TPFMC-Common TPFMC-Piping SIKLA ADMIN TP

Cut Pipe Hold Controller Rev Manager TP IsoCheck COG extraction Select Equi from List UPDATE-STATUS Not Working Component General
 Pup Pieces Pipe Attributes TP DesPipeExtracts Replace_Bend Weight and COG GET-REVISION Not Working Component Bolt
 Mtc Off Utilities Data AUXILIARY-FLAN Connect primitives HOLD-ISOTRACKER Not Working Component Description
 PitRequest

FBLLIND 1 of BRANCH /650-X1358-4151SG-50-CLM2-
 ZONE 650-PI/90/111/04/F14
 ZONE 650-PI/85/021/04/F36
 ZONE 650-PI/22/901/04/F02
 ZONE 650-PI/22/900/04/F23
 ZONE 650-PI/85/021/04/F50
 ZONE 650-PI/22/901/04/F20
 ZONE 650-PI/22/901/04/F34
 ZONE 650-PI/90/111/04/F17
 ZONE 650-PI/22/901/04/F11
 PIPE 650-X1358-4151SG-50-CLM2-
 TEXT 650-X1358-4151SG-50-CI
 BRAN 650-X1358-4151SG-50-C
 FLAN 1
 GASK 1
 FBLL 1
 BRAN 650-X1358-4151SG-50-C
 PIPE 650-X1358-4151SG-50-CLM2-
 PIPE 650-X1359-4151SG-50-CLM2-
 PIPE 650-X1359-4151SG-50-CLM2-
 PIPE 650-X1304-4151SG-400-CLM;
 PIPE 650-X1304-4151SG-400-CLM;


Command Window

NOT WORKING DESCRIPTION:
 NAME OF PIPE= /650-X1358-4151SG-50-CLM2-10_02

 RTEXT=Bld Flg, EN 1759-1, RF, 150 Lbs, -,/ /
 DETREF= /9216024238-D
 SPREF= /4151/FGBL63-02L10000AEAE_1

 SPEC= /4151
 CC=FGBL63L5C102L10500
 IDENT= C74G6AK8

 USER PROBLEM DESCRIPTION:

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APPENDIX 1: ALLOWED DATA TABLES

TABLE 1: END PREPARATION
Buttweld End
Flange FF
Flange RF
Lapped Joint
Screwed Female
Screwed Male
Socket Weld Female
Socket Weld Male (PE)
Wafer Flange FF
Wafer Flange RF
NA

TABLE 2: RATING
ANSI 125lb
ANSI 150lb
ANSI 300lb
DIN PN6
DIN PN10
DIN PN16
DIN PN25
DIN PN40
DIN PN63
DIN PN100
DIN PN160

TABLE 3: GENERIC INSTRUMENTS
Generic 3 Way Valve
Generic Control Valve Diaphragm
Generic Control Valve Pneumatic
Generic Indicator
Generic Indicator No Bolts
Generic Instrument
Generic Instrument Valve Diaphragm (CV)
Generic Instrument Valve Pneumatic (On-Off)
Generic On-Off Valve Pneumatic
Generic Orifice Plate
Generic Trasmitter

TABLE 4: TYPES OF ATTAS
ATTA
General Purpose
Support
TienIn

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APPENDIX 2: GUIDELINES FOR TEXTS IN SMART PLATFORMS

1. The following special character is not allowed in the data: **& # Ø Φ “ ! ^ ‘ + @ ? ~ | = \$**
2. Do not insert a special character by using escape sequences such as Tabs: \t, Line Feed (New Line): \n, Carriage Return: \r.
3. If Ø or Φ are used to denote diameter use ‘dia’ after the value.
4. If # is used to denote pounds (pressure or weight) use lb, if # used to denote number use No or just enter the number (i.e., instead of Boiler #5 enter Boiler No. 5 or Boiler 5).
5. Do not enter superscripts or subscripts (i.e. 5°C should be entered as 5C, m³ should be entered as cum).
6. Fractions are not permitted, use decimal values instead, see examples below:
 - 1/8 should be 0.125
 - ¼ should be 0.25
 - ½ should be 0.5
 - ¾ should be 0.75
 - 1-1/2 should be 1.5