

# APGA POG Incident Database – Data collection form

Incident / External Interference:

Drop down lists for this page:

<ul style="list-style-type: none"> <li>Event Category</li> </ul>	<ul style="list-style-type: none"> <li>Event Category</li> </ul>
<ul style="list-style-type: none"> <li>Near Miss</li> </ul>	<ul style="list-style-type: none"> <li>Incident</li> </ul>
<ul style="list-style-type: none"> <li>Incident</li> </ul>	<ul style="list-style-type: none"> <li>Incident</li> </ul>

Drop down list revealing additional field:

<ul style="list-style-type: none"> <li>Date of Event Known?</li> </ul>	<ul style="list-style-type: none"> <li>Date of Event Known?</li> </ul>
<ul style="list-style-type: none"> <li>Known</li> </ul>	<ul style="list-style-type: none"> <li>Known</li> </ul>
<ul style="list-style-type: none"> <li>Unknown</li> </ul>	<ul style="list-style-type: none"> <li>Date of Event</li> </ul>

**ACTIVITIES** ⌵ ×

- Start
- Find a Pipeline Event
- Create Event
- Incident by Cause

Start
 Create Event ×

Explanatory Notes

**Pipe Details**

- Pipe Diameter (mm)
- Pipe Wall Thickness (mm)
- Steel Grade
- Steel Strength
- Maximum allowable operating pressure (kPa)
- Depth of Cover (mm)
- Pipeline Age (years)
- Primary Location Class
- Secondary Location Class

Operating Pressure at Time of Event (kPa)

Operating Temperature at Time of Event (C)

- Hydrostatic Test Pressure (kPa)
- Date of latest Hydrostatic Test Pressure Known?
- Fracture Toughness Known?

Drop down lists for this page:

<span style="color: red;">•</span> Steel Grade	<span style="color: red;">•</span> Steel Grade			
API 5L Grade A	API 5L Grade X60			
API 5L Grade B	API 5L Grade X65			
API 5L Grade X42	API 5L Grade X70			
API 5L Grade X46	API 5L Grade X80			
API 5L Grade X52	ASTM A53 Grade B	<span style="color: red;">•</span> Steel Strength		
API 5L Grade X56	SAA Grade A33 Class D	PSL1		
API 5L Grade X59	Other	PSL2		
		Unknown		
			<span style="color: red;">•</span> Primary Location Class	
			R1	
			R2	
			T1	
			T2	
				<span style="color: red;">•</span> Secondary Location Class
				S
				CIC
				I
				HI
				W
				N/A

Drop down lists revealing additional fields:

• Date of latest Hydrostatic Test Pressure Known?  
Known  
Unknown

• Fracture Toughness Known?  
Known  
Unknown

• Hydrostatic Test Date

• Fracture Toughness (J Cv10)

• Toughness Test Temperature (C)

APGA

Pipeline Operators Group

ACTIVITIES

- Start
- Find a Pipeline Event
- Create Event
- Incident by Cause

Explanatory Notes

Risk

- How many years since the last safety management study
- Was this threat identified in the safety management study

Risk assessment comments

Drop down lists for this page:

Risk

- How many years since the last safety management study
- 0-1
- 1-2
- 2-3
- 3-4
- 4-5
- >5

Drop down lists revealing additional fields:

• Was this threat identified in the safety management study  
Yes  
No

• Was this threat identified in the safety management study  
Yes

• Did the safety management study consider the threat to be controlled

• Were threat management measures implemented to minimise the risk

ACTIVITIES ☰ ×

☑ Start
📄 Create Event ×

- ☑ Start
- 🔍 Find a Pipeline Event
- 📄 Create Event
- 🔗 Incident by Cause

☑ Start
📄 Create Event ×

Explanatory Notes

Cause Details

- What was the cause of the event

- Cause Details

  - What was the cause of the event
  - External Interference
  - Corrosion
  - Erosion or Earth Movement
  - Lightning
  - Construction Defect
  - Material defect
  - Other

Cause Details

- What was the cause of the event
- External interference

External interference details

- Who caused the event
- 
- Other information on event
- 
- Type of excavation equipment
-

- External interference details

  - Who caused the event
  - Govt shire or utility
  - Govt shire or utility contractor
  - Property owner
  - Property owner's contractor
  - Pipeline operator
  - Pipeline operator's contractor
  - Other third party

- Who caused the event
- 
- How long since last contact with those who caused the event known?
-

<ul style="list-style-type: none"> <li>Who caused the event</li> </ul> <input type="text" value="Govt shire or utility contractor"/>	<ul style="list-style-type: none"> <li>Who caused the event</li> </ul> <input type="text" value="Property owner"/>
<ul style="list-style-type: none"> <li>How long since last contact with those who caused the event known?</li> </ul> <input type="text"/>	<ul style="list-style-type: none"> <li>How long since last contact with those who caused the event known?</li> </ul> <input type="text"/>
<ul style="list-style-type: none"> <li>Who caused the event</li> </ul> <input type="text" value="Property owner's contractor"/>	<ul style="list-style-type: none"> <li>Who caused the event</li> </ul> <input type="text" value="Other third party"/>
<ul style="list-style-type: none"> <li>How long since last contact with those who caused the event known?</li> </ul> <input type="text"/>	<ul style="list-style-type: none"> <li>Other Third Party</li> </ul> <input type="text"/>
<ul style="list-style-type: none"> <li>How long since last contact with those who caused the event known?</li> </ul> <input type="text"/>	<ul style="list-style-type: none"> <li>How long since last contact with those who caused the event known?</li> </ul> <input type="text"/>

<ul style="list-style-type: none"> <li>Type of excavation equipment</li> </ul>	<ul style="list-style-type: none"> <li>Type of excavation equipment</li> </ul>
<ul style="list-style-type: none"> <li>Hand tools</li> </ul>	<input type="text" value="Other"/>
<ul style="list-style-type: none"> <li>Backhoe</li> </ul>	<ul style="list-style-type: none"> <li>Equipment Type Other</li> </ul> <input type="text"/>
<ul style="list-style-type: none"> <li>Excavator</li> </ul>	
<ul style="list-style-type: none"> <li>Auger (vertical)</li> </ul>	
<ul style="list-style-type: none"> <li>Horizontal bore or HDD</li> </ul>	
<ul style="list-style-type: none"> <li>Ripper or cable plough</li> </ul>	
<ul style="list-style-type: none"> <li>Bulldozer grader or scraper</li> </ul>	
<ul style="list-style-type: none"> <li>Agricultural plough</li> </ul>	
<ul style="list-style-type: none"> <li>Hydro Vacuum Excavation</li> </ul>	
<ul style="list-style-type: none"> <li>Chain Trencher</li> </ul>	
<ul style="list-style-type: none"> <li>Other</li> </ul>	
<ul style="list-style-type: none"> <li>Unknown</li> </ul>	

<ul style="list-style-type: none"> <li>Type of excavation equipment</li> </ul>	<ul style="list-style-type: none"> <li>Bucket / Tooth Type</li> </ul>	<ul style="list-style-type: none"> <li>Bucket / Tooth Type</li> </ul>
<input type="text" value="Excavator"/>	<ul style="list-style-type: none"> <li>Mud Bucket</li> </ul>	<input type="text" value="Other"/>
<ul style="list-style-type: none"> <li>Excavator size (T)</li> </ul> <input type="text"/>	<ul style="list-style-type: none"> <li>General Purpose tooth</li> </ul>	<ul style="list-style-type: none"> <li>Bucket / Tooth Type Other</li> </ul> <input type="text"/>
<ul style="list-style-type: none"> <li>Bucket / Tooth Type</li> </ul> <input type="text"/>	<ul style="list-style-type: none"> <li>Tiger tooth</li> </ul>	
	<ul style="list-style-type: none"> <li>Penetrating tool</li> </ul>	
	<ul style="list-style-type: none"> <li>Unknown</li> </ul>	
	<ul style="list-style-type: none"> <li>Other</li> </ul>	

External Interference Protection

- Nearest Marker Post (m)
- Patrol Frequency (days)
- Marker Tape
- Protective Slab or Encasement
- Fenced Off
- Crash Barrier
- Land Ownership
- How long ago was the last contact with the landowner / land occupier (years)?
- One Call Service / DBYD Used
- Did the event result from a new land development?

• Protective Slab or Encasement

Concrete slab

Polymer slab

• Marker Tape

Concrete escapement

Yes

Other

No

Unknown

Unknown

None

• Protective Slab or Encasement

Other

Protective Slab or Encasement Other

• Fenced Off

Yes

No

• Crash Barrier

Yes

No

• Land Ownership

Crown / Public Open Space

Government (restricted access)

Freehold (Private)

• Land Ownership

Road reserve (crossing)

• Land Ownership

Road reserve (parallel)

• Land Ownership

Other

Road reserve (crossing)

Road reserve (parallel)

Other

• Position in road

• Position in road

• Position in road

Under road surface

Elsewhere in road reserve

Land Ownership Other

• How long ago was the last contact with the landowner / land occupier (years)?

0-1

1-2

2-3

3-4

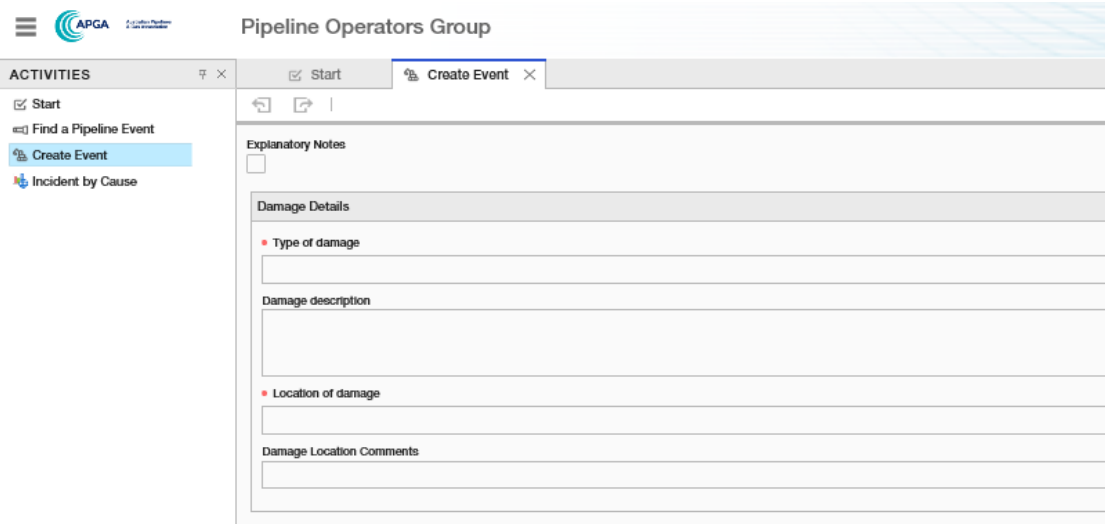
4-5

>5

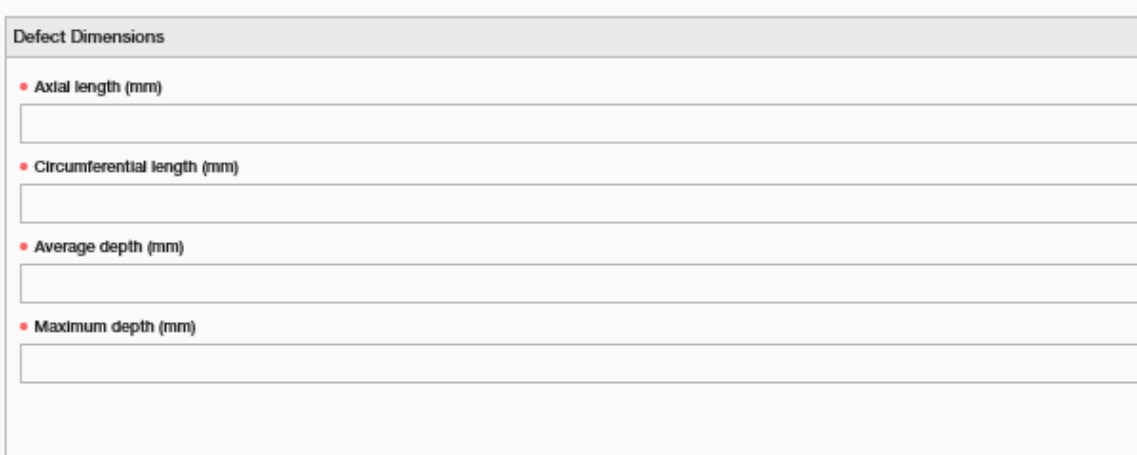
<ul style="list-style-type: none"> <li>• One Call Service / DBYD Used</li> </ul>	<ul style="list-style-type: none"> <li>• One Call Service / DBYD Used</li> </ul>
	Yes
<ul style="list-style-type: none"> <li>• One Call Service / DBYD Used</li> </ul>	<ul style="list-style-type: none"> <li>• Did the pipeline operator respond to the one-call / DBYD enquiry?</li> </ul>
	Yes
<ul style="list-style-type: none"> <li>• One Call Service / DBYD Used</li> </ul>	<ul style="list-style-type: none"> <li>• Was there on-site inspection by the pipeline operator in response to the one-call / DBYD enquiry?</li> </ul>
	No

<ul style="list-style-type: none"> <li>• Did the pipeline operator respond to the one-call / DBYD enquiry?</li> </ul>
Yes
No
<ul style="list-style-type: none"> <li>• Was there on-site inspection by the pipeline operator in response to the one-call / DBYD enquiry?</li> </ul>
Yes
No

<ul style="list-style-type: none"> <li>• Did the event result from a new land development?</li> </ul>	<ul style="list-style-type: none"> <li>• Did the event result from a new land development?</li> </ul>
	Yes
<ul style="list-style-type: none"> <li>• Did the event result from a new land development?</li> </ul>	<ul style="list-style-type: none"> <li>• Was the development referred to the pipeline operator by the planning authority?</li> </ul>
	Yes
No	No



Drop down lists revealing additional fields:





Defect Position
<ul style="list-style-type: none"> <li>Circumferential Position (Start)</li> </ul> <input type="text"/>
<ul style="list-style-type: none"> <li>Circumferential Position (End)</li> </ul> <input type="text"/>
<ul style="list-style-type: none"> <li>Distance from seam weld known?</li> </ul> <input type="text"/>
<ul style="list-style-type: none"> <li>Distance from girth weld known?</li> </ul> <input type="text"/>

Drop down lists for this page:

Circumferential Position (Start)			Circumferential Position (End)		
12:00	03:30	07:00	12:00	03:30	07:00
12:30	04:00	07:30	12:30	04:00	07:30
01:00	04:30	08:00	01:00	04:30	08:00
01:30	05:00	08:30	01:30	05:00	08:30
02:00	05:30	09:00	02:00	05:30	09:00
02:30	06:00	09:30	02:30	06:00	09:30
03:00	06:30	10:00	03:00	06:30	10:00
		10:30			10:30

Drop down lists revealing additional fields:

<ul style="list-style-type: none"> <li>Distance from seam weld known?</li> </ul>	<ul style="list-style-type: none"> <li>Distance from seam weld known?</li> </ul>
Known	Known
Unknown	<ul style="list-style-type: none"> <li>Distance from seam weld (mm)</li> </ul> <input type="text"/>
N/A	
	<ul style="list-style-type: none"> <li>Distance from girth weld known?</li> </ul>
<ul style="list-style-type: none"> <li>Distance from girth weld known?</li> </ul>	Known
Known	<ul style="list-style-type: none"> <li>Distance from girth weld (mm)</li> </ul> <input type="text"/>
Unknown	

Critical Defect Length for rupture	
<ul style="list-style-type: none"> <li>Critical defect length for rupture known?</li> </ul> <input type="text"/>	
<ul style="list-style-type: none"> <li>Critical defect length for rupture known?</li> </ul>	
Known	Known
Unknown	<ul style="list-style-type: none"> <li>Critical defect length (mm)</li> </ul> <input type="text"/>

ACTIVITIES 7 X

- Start
- Find a Pipeline Event
- Create Event**
- Incident by Cause

Start Create Event X



Explanatory Notes

Repair Details

Type of Repair

Repair Description

Repair Details

Type of Repair

Cut out and replace

Welded sleeve

Mechanical clamp

Composite Fibre Reinforcement

Dress and re-coat

Re-coat

Other

Type of Repair

Other

Repair Type Other

- Start
- Find a Pipeline Event
- Create Event**
- Incident by Cause

Explanatory Notes

Fatalities

Were there any fatalities?

Were there any fatalities?

Yes

Fatalities

Were there any fatalities?

Yes

No

Number of Fatalities

Distance of fatalities from event known?

Known

Unknown

Distance of farthest fatality from event (m)

Injuries

Were there any injuries?

Were there any injuries?

Yes

Injuries

Were there any injuries?

Yes

No

Number of people injured

Distance of injuries from event known?

Known

Unknown

Distance of farthest injury from event (m)

Property Damage

Was there any property damage?

Was there any property damage?

Yes

Property Damage

Was there any property damage?

Yes

No

Property damage (\$)

Is the distance of property damage from event known?

Known

Unknown

Is the distance of property damage from event known?

Known

Distance of property damage farthest from event (m)

Supply Interruption

Was there a period of failure to supply?

Supply Interruption

Was there a period of failure to supply?

Yes

No

Was there a period of reduced supply?

Yes

No

Period of failure to supply (hours)

Was there a period of reduced supply?

Yes

No

Period of reduced supply (hours)

**Loss of Containment**

Was there a loss of containment?

Was there a loss of containment?

Yes

No

Was there a loss of containment?

Type of Containment Loss

Gas

Liquid

Type of Containment Loss

Gas

Volume of gas lost known?

Known

Unknown

Volume of gas lost known?

Known

Volume of gas lost ('000 Sm3)

Type of Containment Loss

Liquid

Volume of liquid spilled known?

Volume of liquid spilled known?

Known

Unknown

Volume of liquid recovered known?

Known

Unknown

Volume of liquid spilled (L)

Volume of liquid recovered known?

Known

Unknown

Volume of liquid recovered known?

Known

Volume of liquid recovered (L)

**Environmental Damage**

Was there Environmental Damage?

Was there Environmental Damage?

Yes

Environmental Damage

Was there Environmental Damage?

Yes

No

**Feedback**

Feedback on this event reporting process