

APGA POG Incident Database – Data collection form

Incident / Material Defect:

APGA

2-10-2018

Pipeline Operators Group

ACTIVITIES

Start

Find a Pipeline Event

Create Event

Incident by Cause

Start

Create Event

Explanatory Notes

Description

Event ID

2047

Internal Reference Number

Event Category

Date of discovery

Time of discovery

Date of Event Known?

Event Description

Location Details

KP (km)

Location

Country

Local Government Area

Suburb

Latitude

Longitude

Map

Drop down lists for this page:

Event Category

Near Miss

Incident

Event Category

Incident

Drop down list revealing additional field:

Date of Event Known?

Known

Unknown

Date of Event Known?

Known

Date of Event

APGA

A-1000 Pipeline
 & Gas Inspector

Pipeline Operators Group

ACTIVITIES

Start

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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:

• Steel Grade

API 5L Grade A

API 5L Grade B

API 5L Grade X42

API 5L Grade X46

API 5L Grade X52

API 5L Grade X56

API 5L Grade X59

• Steel Grade

API 5L Grade X60

API 5L Grade X65

API 5L Grade X70

API 5L Grade X80

ASTM A53 Grade B

SAA Grade A33 Class D

Other

• Steel Strength

PSL1

PSL2

Unknown

• Primary Location Class

R1

R2

T1

T2

• 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

• Date of latest Hydrostatic Test Pressure Known?

Known

• Hydrostatic Test Date

• Fracture Toughness Known?

Known

• Fracture Toughness (J Cv10)

• Toughness Test Temperature (C)

• Fracture Toughness Known?

Known

Unknown

APGA

Aspen Pipeline Gateway

Pipeline Operators Group

ACTIVITIES

Start

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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



APGA
American Pipeline
Gas Association

Pipeline Operators Group

ACTIVITIES



✓ 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

Material defect

APGA

APGA

Pipeline Operators Group

ACTIVITIES

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Explanatory Notes

Damage Details

Type of damage

Damage description

Location of damage

Damage Location Comments

Drop down lists revealing additional fields:

Damage Details

Type of damage

Coating Damage

Deformation

Gouge

Leak

Rupture

Corrosion/SCC (no leak)

Type of damage

Leak

Release Ignited

Release Ignited

Yes

No

Type of damage

Rupture

Release Ignited

Release Ignited

Yes

No

Location of damage

Parent pipe

Girth weld

Seam weld

Other

Location of damage

Other

Location of Damage Other

Defect Dimensions

Axial length (mm)

Circumferential length (mm)

Average depth (mm)

Maximum depth (mm)

Defect Position
<div> <div></div> <div>Circumferential Position (Start)</div> </div> <input type="text"/>
<div> <div></div> <div>Circumferential Position (End)</div> </div> <input type="text"/>
<div> <div></div> <div>Distance from seam weld known?</div> </div> <input type="text"/>
<div> <div></div> <div>Distance from girth weld known?</div> </div> <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

Drop down lists revealing additional fields:

<div> <div></div> <div>Distance from seam weld known?</div> </div> <div>Known</div>	<div> <div></div> <div>Distance from seam weld known?</div> </div> <div>Known</div>
<div> <div></div> <div>Unknown</div> </div>	<div> <div></div> <div>Distance from seam weld (mm)</div> </div> <input type="text"/>
<div> <div></div> <div>N/A</div> </div>	
	<div> <div></div> <div>Distance from girth weld known?</div> </div> <div>Known</div>
<div> <div></div> <div>Distance from girth weld known?</div> </div> <div>Known</div>	<div> <div></div> <div>Distance from girth weld (mm)</div> </div> <input type="text"/>
<div> <div></div> <div>Unknown</div> </div>	

Critical Defect Length for rupture
<div> <div></div> <div>Critical defect length for rupture known?</div> </div> <input type="text"/>
<div> <div></div> <div>Critical defect length for rupture known?</div> </div> <div>Known</div>
<div> <div></div> <div>Critical defect length (mm)</div> </div> <input type="text"/>
<div> <div></div> <div>Unknown</div> </div>

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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

Supply Interruption		Was there a period of failure to supply?		Was there a period of reduced supply?	
Was there a period of failure to supply?	Was there a period of failure to supply?	Yes	No	Was there a period of reduced supply?	Yes
Yes	Yes	Period of failure to supply (hours)	Was there a period of reduced supply?	Yes	Period of reduced supply (hours)
No	No			No	

Loss of Containment
Was there a loss of containment?

Was there a loss of containment?	Was there a loss of containment?
Yes	Yes
Type of Containment Loss	Type of Containment Loss
Gas	Gas
No	Liquid

Type of Containment Loss	Volume of gas lost known?
Gas	Known
Volume of gas lost known?	Volume of gas lost ('000 Sm3)
Known	
Unknown	

Type of Containment Loss	Volume of liquid spilled known?	Volume of liquid spilled known?
Liquid	Known	Known
Volume of liquid spilled known?	Volume of liquid spilled known?	Volume of liquid recovered known?
Known	Known	Known
Volume of liquid recovered known?	Volume of liquid spilled (L)	Unknown
Unknown		
Volume of liquid recovered known?		
Known		
Volume of liquid recovered (L)		

Environmental Damage
Was there Environmental Damage?

Was there Environmental Damage?	Was there Environmental Damage?
Yes	Yes
Environmental Damage	Environmental Damage
Yes	
No	

Feedback
Feedback on this event reporting process