APGA POG Incident Database – Data collection form

Incident / Corrosion / Internal:

	Pipeline Operators Group
ACTIVITIES	🛛 🖂 Start 🐁 Create Event 🗙
☑ Start	<u>ର</u> ଜା
📼 Find a Pipeline Event	
1 Create Event	Explanatory Notes
Noticent by Cause	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	Event Category
Incident	Incident

Drop down list revealing additional field:

	Date of Event Known?
Date of Event Known?	Known
Known	Date of Event
Unknown	

	Pipeline Operators Group
ACTIVITIES $\forall \times$	⊠ Start & Create Event ×
✓ Start	ସ ଜ l
I Find a Pipeline Event	
1 Create Event	Explanatory Notes
Note that the second se	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	 Steel Grade 			
API 5L Grade A	API 5L Grade X60			 Secondary Location Class
API 5L Grade B	API 5L Grade X65			S
API 5L Grade X42	API 5L Grade X70		Primary Location Class	CIC
API 5L Grade X46	API 5L Grade X80	 Steel Strength 	R1	I.
API 5L Grade X52	ASTM A53 Grade B	PSL1	R2	н
API 5L Grade X56	SAA Grade A33 Class D	PSL2	T1	w
API 5L Grade X59	Other	Unknown	T2	N/A.

Drop down lists revealing additional fields:

		 Date of latest Hy 	drostatic Test Pressure Known?
Date of latest Hydrostatic Test Pressure Known?		Known	
Known		 Hydrostatic Test 	Date
Unknown			
	 Fracture Toughne 	es Known?	
	Known		
	 Fracture Toughne 	ess (J Cv10)	
Fracture Toughness Known?			
Known	 Toughness Test 1 	Temperature (C)	
Unknown			

E CAPGA futurbate	Pipeline Operators Group
ACTIVITIES 7 ×	⊠ Start % Create Event ×
⊡ Start	ସ ତ।
∝:] Find a Pipeline Event	Explanatory Notes
1 Create Event	capital of y notes
Nocident by Cause	Pisk • How many years since the last safety management study • Was this threat identified in the safety management study • Was this threat identified in the safety management study Pisk 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
	Did the safety management study consider the threat to be controlled
 Was this threat identified in the safety management study 	
Yes	Were threat management measures implemented to minimise the risk
No	

	APGA Pipeline Operators Group				
$\textbf{ACTIVITIES} \qquad \forall \ \times$	Start Start Create Event X				
✓ Start	ଶ ଜ l				
∝ Find a Pipeline Event	Explanatory Notes				
1 Create Event					
the Incident by Cause	Cause Details				
	What was the cause of the event				
Cause Details					
External Interference					
Corrosion					
Erosion or Earth Movement					
Lightning					
Construction Defect					
Material defect					
Other					

E CAPGA STATE Pipeline Operators Group					
ACTIVITIES	Ŧ ×	🗹 Start	备 Creat	e Event $ imes$	
⊠ Start ⇔ Find a Pipeline Event		50			
1 Create Event		Explanatory Notes			
N Incident by Cause		Cause Details What was the c Corrosion	ause of the event		
Corrosion Details					
Type of corrosion		• Typ Exte	e of corrosion mal		
Is the pipeline piggable?		Inter	nal		
		SCC			

Type of corrosion			
Internal			
Is the pipeline piggable?			
 Internal pipeline coating type 			
Fluid quality			
Corrosion Inhibitor used			
Other factors that may have contributed to internal	corrosion		

		 How long since last in 	-line inspection (years)	
		0-1		
		1-2		
		2-3		
• is t	he pipeline piggable?	3-4		
 Is the pipeline piggable? Yes 		4-5		7-8
Yes • Ho	w long since last in-line inspection (yea	ars) 5-6		8-9
No		6-7		>10
 Internal pipeline coating type 				
Fusion bonded epoxy				
Liquid high build epoxy				
Liquid thin film epoxy	Internal pipeline coating type			
Special anti-corrosive painting	Citrue .	 Corrosion Inhibitor used 		
Other	Internal pipeline coating type Other	Yes		
None		No		

E CAPGA fortune		Pipeline Operators Group
ACTIVITIES	₹×	Start Start
🗹 Start		ର ଜା
📼 Find a Pipeline Event		
1 Create Event		Explanatory Notes
Note: The second		
		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	 Type of damage 		Type of damage	
Leak	Leak	Release Ignited	Rupture	Release ignited
Rupture	Release ignited	Yes	Release ignited	Yes
Corrosion/SCC (no leak)		No		No
Location of damage				
Parent pipe	Location of damage			
Girth weld	Other			
Seam weld	Location of Damage Oth	her		
Other				

Defect Dimensions
Axial length (mm)
Circumferential length (mm)
• Average depth (mm)
Maximum depth (mm)

Defect Position
Circumferential Position (Start)
Circumferential Position (End)
Distance from seam weld known?
Distance from girth weld known?

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	10:30	02:00	05:30	09:00	10:30
02:30	06:00	09:30	11:00	02:30	06:00	09:30	11:00
03:00	06:30	10:00	11:30	03:00	06:30	10:00	11:30

Drop down lists revealing additional fields:

Distance from seam weld known?	Distance from seam weld known?
Known	Known
Unknown	Distance from seam weld (mm)
N/A	
	Distance from girth weld known?
Distance from girth weld known?	Known
Known	 Distance from girth weld (mm)
Unknown	

Critical Defect Length for rupture	Critical Defect Length for rupture						
Critical defect length for rupture known?							
	Critical defect length for rupture known?						
• Critical defect length for rupture known?	Known						
Known	 Critical defect length (mm) 						
Unknown							

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ACTIVITIES	τ × 🖂 Start 🐁 Create Event ×
✓ Start	ଶ ଜ ।
Find a Pipeline Event	Explanatory Notes
备 Create Event	
Note that the second se	Repair Details
	Type of Repair
	• Type of Hepsail
	Repair Description
Denti Det 1	
Repair Details	
Type of Repair	
Cut out and replace	
out out and replace	
Weided sleeve	
Mechanical clamp	
Mechanical clamp	
Composite Fibre Reinfo	orcement Type of Repair
Drees and re-coat	
Dress and re-coat	Other
Dress and re-coat	Other

🔳 🅼 🖾 🖾 🖉	peline Operators Group					
CTIVITIES # ×	🖂 Start 🐁 Create Event	t ×				
Start	3 6 1					
Find a Pipeline Event Exp	planatory Notes					
Incident by Cause]					
-	Fatalities					
	Were there any fatalities?					
	-					
	Were there any fatalities?					
atalities	Yes					
	 Number of Fatalities 			•	Distance of fatalit	ies from event known?
 Were there any fatalities? 			Distance of fatalities from event k	nown?	Known	
Yes	 Distance of fatalities from e 	event known? K	nown	D	istance of farthest	fatality from event (m)
No		U	nknown			
njuries						
• Were there any injuries?						
						~
	Were there any injuries?					
	Yes					
ijuries					Distance of injurie	es from event known?
	Yes		istance of injuries from event kn		Distance of Injurie	es from event known?
	Yes	• D	istance of injuries from event kn	own? K	nown	is from event known? Injury from event (m)
• Were there any injuries?	Yes Number of people injured	• D went known?		own? K	nown	
	Yes Number of people injured	• D went known?	own	own? K	nown	
Were there any injuries? Yes No	Yes Number of people injured	• D went known?	own	own? K	nown	
Were there any injuries? Yes No	Yes Number of people injured	• D went known?	own	own? K	nown	
Were there any injuries? Yes No Property Damage	Yes Number of people injured	• D went known?	own	own? K	nown	
Were there any injuries? Yes No Property Damage	Yes Number of people injured	• D went known?	own	own? K	nown	injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage?	Yes Number of people injured Distance of injuries from e	• D went known?	own	own? K	nown	injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage?	Yes Number of people injured Distance of injuries from e	• D went known?	own	own? K	nown	injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage?	Yes Number of people injured Distance of injuries from e Was there any property damage? Yes	vent known?	own	own? K	nown	injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage?	Yes Number of people injured Distance of injuries from e	vent known?	own	own? K	nown	injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage?	Yes Number of people injured Distance of injuries from e Was there any property damage? Yes	went known? Kn Un	own known he distance of property damage from eve	own? K	nown	injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage? was there any property damage? Was there any property damage? Yes	Yes Number of people injured Distance of injuries from e Ves Property damage (\$)	went known? Kn	own known he distance of property damage from eve	nt known?	stance of fartheet	injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage? operty Damage Was there any property damage? Get	Yes Number of people injured Distance of injuries from e Ves Property damage (\$)	went known? Kn	own known he distance of property damage from eve	nt known?	stance of fartheet	Injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage? operty Damage Was there any property damage? Kes	Yes Number of people injured Distance of injuries from e Ves Property damage (\$)	went known? Kn	own known he distance of property damage from eve	nt known?	stance of fartheet	Injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage? operty Damage Was there any property damage? //// /// /// /// /// /// /// // // //	Yes Number of people injured Distance of injuries from e Ves Property damage (\$)	went known? Kn	own known he distance of property damage from eve	nt known?	stance of fartheet	Injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage? des there any property damage? Was there any property damage? Kes Ko Supply Interruption	Yes Number of people injured Distance of injuries from e Was there any property damage? Yes Property damage (5) Is the distance of property damage	went known? Kn	own known he distance of property damage from eve	nt known?	stance of fartheet	Injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage? generative damage Was there any property damage? Was there any	Yes Number of people injured Distance of injuries from e Was there any property damage? Yes Property damage (5) Is the distance of property damage	went known? Kn	own known he distance of property damage from eve	nt known?	stance of fartheet	Injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage? generative damage Was there any property damage? Was there any	Yes Number of people injured Distance of injuries from e Was there any property damage? Yes Property damage (5) Is the distance of property damage	went known? Kn	own known he distance of property damage from eve	nt known?	stance of fartheet	Injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage? was there any property damage? Was there any property damage? Kes Supply Interruption Was there a period of failure to sup	Yes Number of people injured Distance of injuries from e Property damage (\$) Is the distance of property damage ypy?	e D went known? Kn Un from event known? Kno	own known he distance of property damage from eve wn nown	nt known?	stance of fartheet	Injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage? Was there any property damage? Was there any property damage? Kes Supply Interruption Was there a period of failure to sup	Yes Number of people injured Distance of injuries from e Distance of injuries from e Property damage (\$) Is the distance of property damage phy?	es there a period of failure to st	own known known he distance of property damage from events wn nown	own?	inown istance of farthest istance of farthest istance of property da i	Injury from event (m)
Were there any injuries? Yes No Property Damage Was there any property damage? Was there a period of failure to sup phyl Interruption	Yes Number of people injured Distance of injuries from e Ves Property damage (\$) Is the distance of property damage sply? At there a period of failure to supply? Was Ves Ves Ves Ves Ves Ves Ves Ves Ves Ve	es there a period of failure to st	OWN known Image: state of property damage from events of property damage from even	own?	stance of fartheet	Injury from event (m)

on		• Was there a period of failure to supply?	• Was there a period of failure to supply?		• Was there a period of reduced supply?
iod of failure to supply?	• Was there a period of failure to supply?	Yes	No	• Was there a period of reduced supply?	Yes
	Yes	 Period of failure to supply (hours) 	Was there a period of reduced supply?	Yes	 Period of reduced supply (hours)
	No			No	

Loss of Containment						
• Was there a loss of containment?						
		Was there a loss of c	ontainment	?		
• Was there a loss of contain	ment?	Yes		Type of Containment	000	
Yes					LOSS	
res		Type of Containment L	.098	Gas		
No				Liquid		
			• Volume	of gas lost known?		
ype of Containment Loss				or gas lost known:		
Gas	• Volu	me of gas lost known?	Known			
			• Volume	of gas lost ('000 Sm3)		
Volume of gas lost known?	Know					
	Unkn	own				
Type of Containment Loss						
Liquid						
				Volume of liquid spilled	anoun?	
 Volume of liquid spilled know 	wn?					
		 Volume of liquid spills 	ed known?	Known	Volume of liquid	recovered know
Volume of liquid recovered i	nown?	Known		Volume of liquid spilled	L) Known	
•		Unknown				
		GINIOWI			Unknown	
Volume of liquid recovered	known?					
Known						
 Volume of liquid recovered ((L)					
Environmental Damage						
• Was there Environmental Damage?	,					
		- West North Trade				
		 Was there Environ 	mental Dam	age?		
		Yes				
		Environmental Dar	nage			
 Was there Environmental Data 	amage?					
Yes						
No						

Feedback				
Feedback on this event	reporting process			