



Balancing Compliance with Practicality in Emergency Response







The answers you seek...

...are in the **Pipeline Isolation Plan**

The purpose of the Pipeline Isolation Plan is to document the basis for isolation and depressurisation of each pipeline segment as required for emergency, maintenance and operational purposes.



PIPELINE ISOLATION PLAN Transmission Pipelines

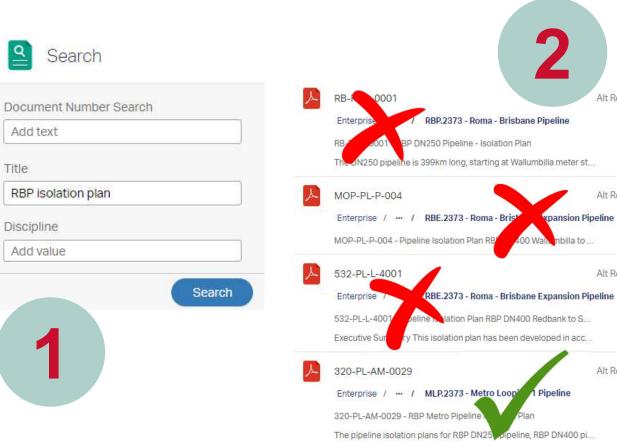
Owner Document No		Pipeline Engineering					
		530-PL-L-0003					
Rev	Date	Status	Originated	Checked	Approved		
- 1			Mirand	Stern Ogstore	Mark lackeden		
1.0	28/03/19	For Use	Jennifer Ward	Glenn Ogilvie	Mark Ladkenby		
			Risk Engineer	Risk Engineer	Pipeline Risk & Eng Services Manager		
- 1							
		-	[Name]	[Name]	[Name]		
			[Position]	[Position]	[Position]		

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Let's ISOLATE





Owner Document No		Pipeline Engineering 530-PL-L-0003					
	> Processor Species		Miland	Steam Ogstore	Mark lackedon		
1.0	28/03/19	For Use	Jennifer Ward	/ Glenn Ogilvie	Mark Ladkenby		
			Risk Engineer	Risk Engineer	Pipeline Risk & Eng Services Manager		
			[Name]	[Name]	[Name]		
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The very compliant Isolation Plan that is...



PIPELINE ISOLATION PLAN

Transmission Pipelines

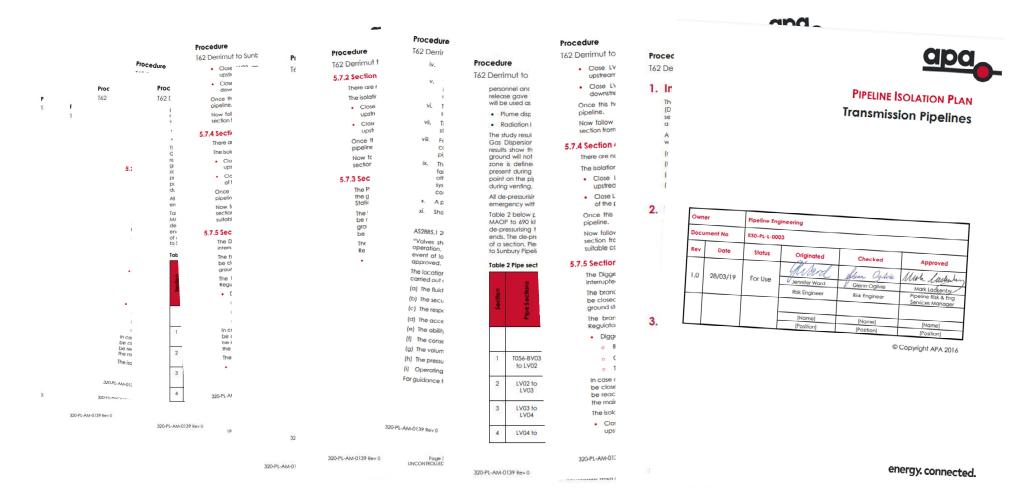
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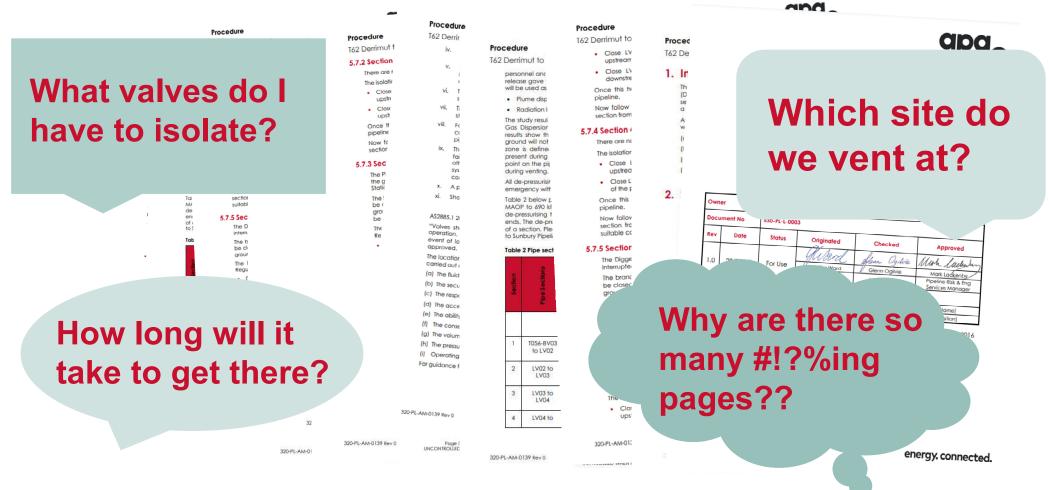


The very compliant Isolation Plan that is... practical?





The very compliant Isolation Plan that is... practical?





The Imbalance of Compliance and Practicality

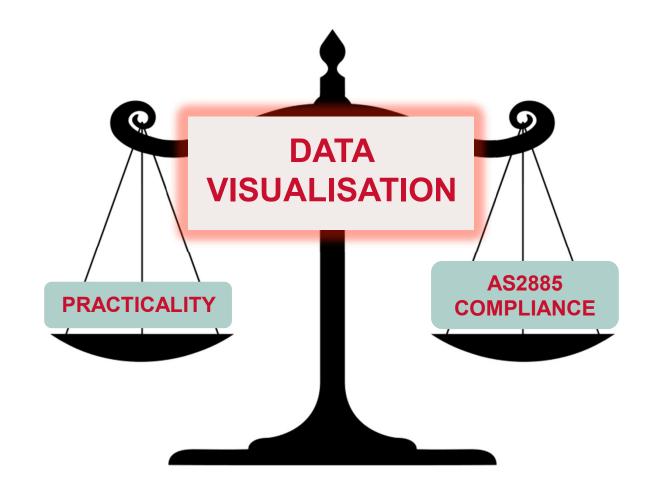


- Reviewed at least every 5 years
- Location class
- Sources of higher pressure
- Isolation valve locations and controls
- Stations/assemblies to be isolated from mainline
- Response time
- Loss of containment consequence
- Depressurisation sections
- High consequence areas

Balancing Compliance and Practicality

Information should be:

- Easy to access
- Standardised
- Data is reliable
- Information is prioritised
- Intuitive to use
- Changes are implemented efficiently





One Stop Shop

Quick links



Assets in our care



Integrity Asset Library



Ops Perfromance Dashboard



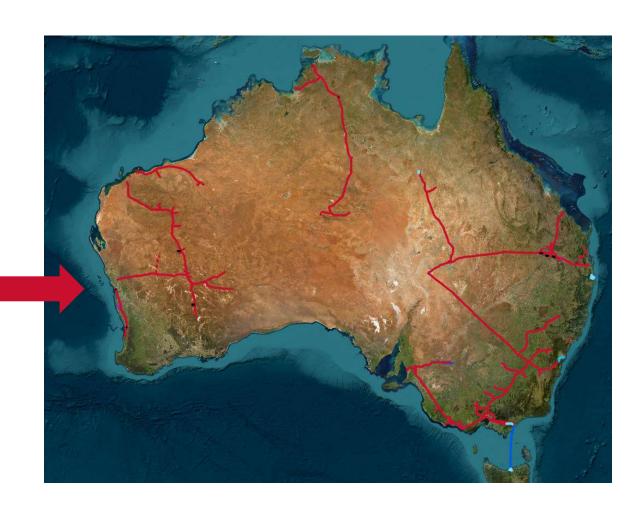
Isolatable Section Register



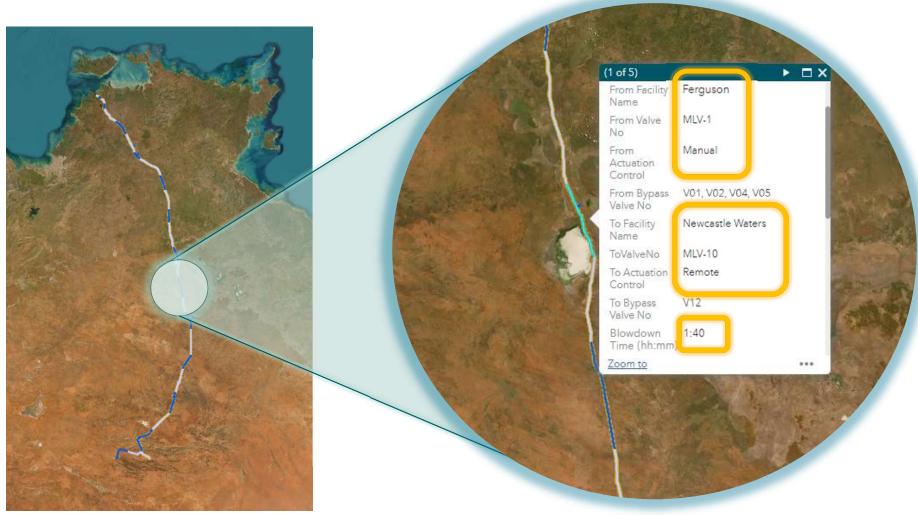
ArcGIS Web



Pipeline Engineering Coverage &...

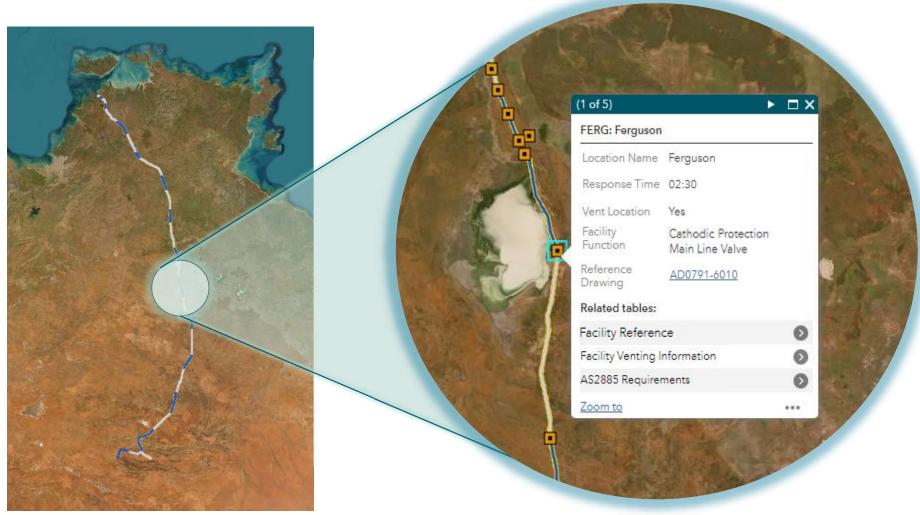






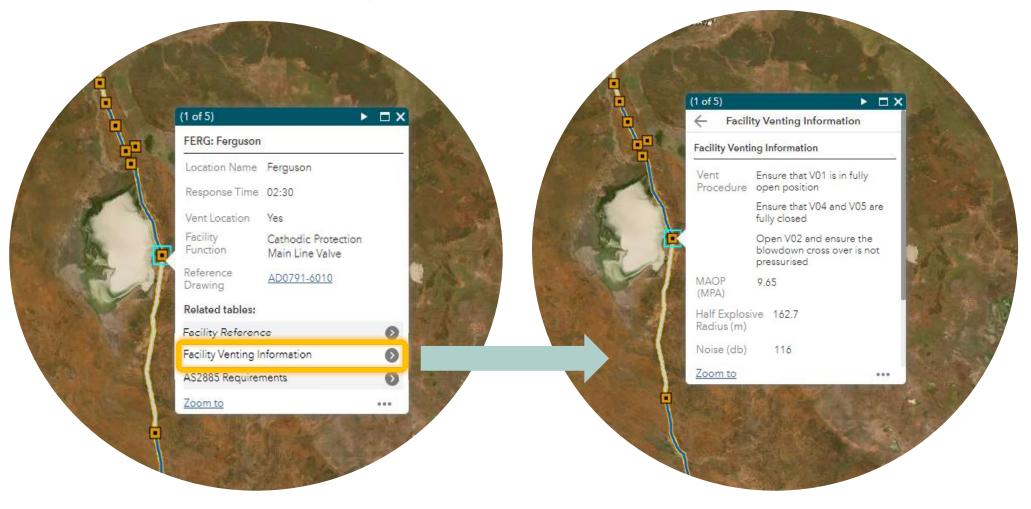


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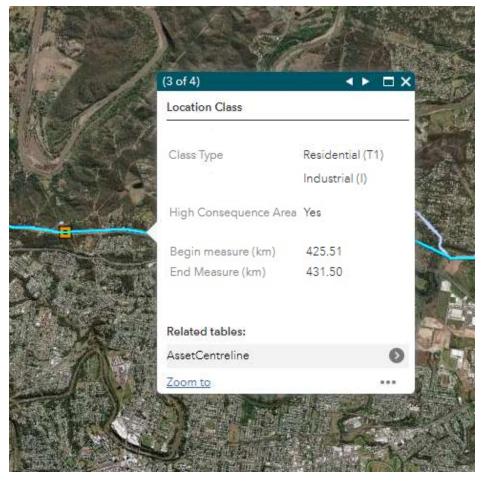


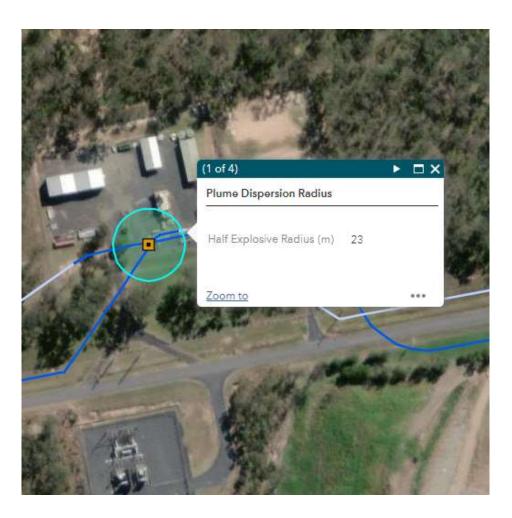


Balancing Compliance with Practicality in Emergency Response











Does this mean we can get rid of documents?

The GIS Pipeline Isolation Register is accompanied by the National Pipeline Isolation Plan which covers methodology, AS 2885 compliance, procedures & philosophy.

Advantages



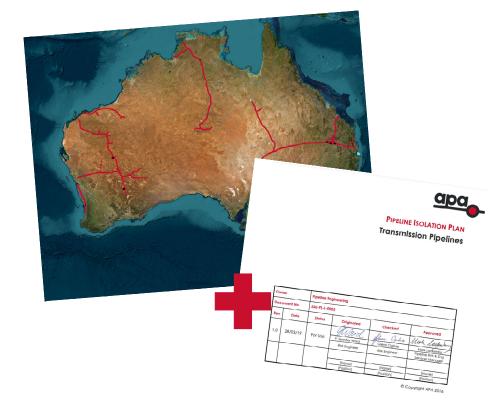
Maximise existing information



Easier to manage data and changes



Database integration for standardisation



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Where else can we improve practicality?



For further information

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