

## VALVE INSPECTION REPORT

### AIR VALVE

<b>Job Task:</b>	To locate, inspect and report on the valve on each item specified in the inspection form. To take photos and reference photo numbers in the inspection form. To ensure all requirements to undertake the inspection are in place (traffic control, permits, shut plans, confined space, and pump out the valve pit if required). To provide comments on any maintenance required and any further detail on the condition of the valve. If GIS valve location, attributes or status is incorrect, to provide detailed marked up maps and correct information to QUU redlining.
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<b>Plant Number</b>		<b>Work Order</b>	
<b>Valve size</b>	<b>mm</b>	<b>Main Size</b>	<b>mm</b>
<b>Manufacturer Type/ Year</b>		<b>Trunk Main Set No. &amp; Name</b>	
<b>Address</b>			

<b>AIR VALVE Found?</b>	<input type="checkbox"/> <b>Yes</b>	<input type="checkbox"/> <b>No</b>	<b>Indicator post?</b>	<input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>
<b>Location</b>	<input type="checkbox"/> Road	<input type="checkbox"/> Footpath / Verge	<input type="checkbox"/> Private property	<input type="checkbox"/> Driveway
	<input type="checkbox"/> Easement	<input type="checkbox"/> Reserve / Park	<input type="checkbox"/> Adjacent to Waterway	<input type="checkbox"/> Other _____
<b>Access</b>	<input type="checkbox"/> Vehicular	<input type="checkbox"/> Pedestrian	<input type="checkbox"/> No Access	<input type="checkbox"/> Other _____
	<input type="checkbox"/> In pit	<input type="checkbox"/> Yellow Road	<input type="checkbox"/> Traffic Control	<input type="checkbox"/> Confined Space

<b>Manhole Plate</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Size - Combination AV &amp; MH Plate (mm)</b>	_____ mm
<b>Size of branch (mm)</b>	_____ mm
<b>Number of Branch Flange bolts</b>	<input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 12 <input type="checkbox"/> 16
<b>Bolt size - Branch Flange</b>	_____ mm <b>Condition :</b> <input type="checkbox"/> <b>Good</b> <input type="checkbox"/> <b>Poor</b>
<b>Butterfly Valve (mm)</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <b>Size:</b> _____ mm
<b>Size of Butterfly Valve (mm)</b>	_____ mm
<b>Bolt size - Branch to Butterfly Valve</b>	_____ mm <b>Condition :</b> <input type="checkbox"/> <b>Good</b> <input type="checkbox"/> <b>Poor</b>
<b>Bolt size - Butterfly Valve to Air Valve</b>	_____ mm <b>Condition :</b> <input type="checkbox"/> <b>Good</b> <input type="checkbox"/> <b>Poor</b>
<b>Ferrule</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <b>Size:</b> _____ mm
<b>Distance from Manhole Plate/Air Valve Flange to under side of lid</b>	_____ mm
<b>Type of Air Valve</b>	<input type="checkbox"/> 25 mm single orifice gunmetal Air Valve
	<input type="checkbox"/> 100 mm double orifice gunmetal Air Valve
	<input type="checkbox"/> 150 mm double Air Valve
	<input type="checkbox"/> 150 mm double Air Valve with stainless steel insert

	<input type="checkbox"/> 150 mm differential Air Valve		
	<input type="checkbox"/> Hydrant – ball/spring		
<b>Large Orifice</b>	<input type="checkbox"/> Vulcanite Ball <b>Comment on Condition:</b>		
<b>Small Orifice</b>	<input type="checkbox"/> Rubber Ball <b>Comment on Condition:</b>		
<b>Air Valve Pit construction type &amp; location</b>	<input type="checkbox"/> Concrete block	<input type="checkbox"/> Road	<input type="checkbox"/> Footpath
	<input type="checkbox"/> Precast Concrete	<input type="checkbox"/> Road	<input type="checkbox"/> Footpath
	<input type="checkbox"/> Concrete Pipe Section 1.2dia	<input type="checkbox"/> Road	<input type="checkbox"/> Footpath
<b>Lid Type</b>	_____		
<b>Ladder required to maintain valve</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>Pump required to maintain valve</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		

**Any Corrective Action?** – access, valve & associated equipment or structure:

☐ Yes      ☐ No

**General Assessment & Comments**
*Describe the maintenance required (or any maintenance completed during the inspection).*
**Corrective Work Priority:**

 Low      ☐

 Medium      ☐

 High      ☐
**Shut plan required:**    ☐ Yes      ☐ No

**AH work:**    ☐ Yes      ☐ No

**Traffic control requirement** – “yellow” road permit:    ☐ Yes      ☐ No

**Police:** :    ☐ Yes      ☐ No

**Pipework Condition Rating for sandblasting repairs (1-3):**
☐ 1 – Good condition (no pipework corrosion)

☐ 2 – Fair condition (some corrosion on pipework – minor sanding & paint repair)

☐ 3 – Poor condition (pipework very corroded - requires thickness test, sandblasting & repainting)

**Recommendation** (further works and including assessment of remaining service life)

**Redlining required:** Maps detailed with correct location & attributes to be provided

☐ Yes

☐ No

Inspected by:

Date:

## PHOTOS INSPECTION REPORT

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Asset Information	Photo Numbers