

- Worn bearing - Broken teeth - Correct meshing

- Crown wheel

VALVE INSPECTION REPORT

				G	ATE VA	ALVE (S	Sluice \	Valve)					
Job T	ask:	pho und pur furt	otos and reference dertake the inspe np out the valve her detail on the	ce photo rection are pit if requection	on the valve on each item specified in the inspection form. To take numbers in the inspection form. To ensure all requirements to n place (traffic control, permits, shut plans, confined space) and red. To provide comments on any maintenance required and are of the valve. If GIS valve location, attributes or status is incorrect, naps and correct information to QUU redlining.								
Plant Number					Work								
Valve	e Size		n			n Main	Main Size			mm			
Valve	е Туре						Manufacture Type/ Year						
Addr	ess					Trunk Main Set Number & Name							
VAL	VE Found?	•	□ Yes	□ No		Indic	ator post	?		□ Yes	□ No		
			□ Road	☐ Footpath / Verge		ıe □ Pı	☐ Private property			☐ Driveway			
Location			☐ Easement	☐ Reserve / Par		□ Ас	☐ Adjacent to Waterway			□ Other			
Access			□ Vehicular	☐ Pedestrian		□ No	☐ No Access			☐ Other			
		-	☐ In pit	☐ Yellow Road		☐ Tro	☐ Traffic Control			☐ Confined Space			
			TRUNK	VALVE	ALVE BYPASS VA			ACTION	FURTHER ACTION REQUESTS				
			ITEM		YES	NO	YES	NO		TAKEN	COMMENTS		
1 PR	ELIMINAR	Y											
1.1	Plant Nu	mb	er (if applicable)										
	- Clearly	mo	ırked										
1.2 Operating Equipment													
- Clear access													
- Secure from vandalism													
1.3 Gearing (if fitted)													
- Free in bearings													
- Greasing nipple								4					

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mm OD

teeth

C.I.

Steel Size

No. teeth



	TRUNK VALVE			BYPAS	S VALVE	ACTION	FURTHER ACTION REQUESTS	
ITEM	YES	N	10	YES	NO	TAKEN	COMMENTS	
- Crown wheel ID/ spindl								
- Pinion	C.I.							
	Steel							
	Size No. teeth		mm	OD				
		tee	eth					
- Pinion ID/ pinion shaf								
1.4 Spindle cap								
- Size			m	nm				
top		mm						
	base							
- Length of spindle cap to	aper: top	mm mm						
base 1.5 Valve lengthening piec	•		'' <u></u>	1111				
- Type:	Welded							
1,50.	Solid							
- Length: Top of pit to to	p of spindle		m	nm				
1.6 Bolts	.,	.,				100 100		
- No. & size body bolts	x			,	<x_< td=""><td>rmm</td><td></td><td></td></x_<>	rmm		
- No. & size bonnet bolts				;	<x_< td=""><td>mm</td><td></td><td></td></x_<>	mm		
- No. & size flange bolts	x	xm	m	>	<x_< td=""><td>mm</td><td></td><td></td></x_<>	mm		
1.7 Position indicator (if fitted - Free to operate, visible	d)							
1.8 Access for operation - Safe? What Issues								
1.9 Chamber/Cubicle - Access satisfactory								
- Steelwork (Ladders, Pla	atforms, etc.)							
- Light/ Power (if applica	able)							
2 OPERATIONAL CHECK (For C	RITICAL VALVE	S only)	1		Ī			
2.1 Exercise the valve		Open	Clo	ose	Open	Close		
- Position when located - Direction to close	Clashadas		<u> </u>		Clasti	A 1:		
- Direction to close	Clockwise	Anti-clo	CKW	ise	Clock	Anti.		
- Turns operated / Total	'	/_	To	tal	/_	Total		
2.2 Operating Effort - Satisfactory?								
2.3 Method of Operation								
No of persons needed / Size of								
- Portable Actuator			1					
2.4 Leakage - Past Closed V								
Measure and record if possible		L/	min/		L/min			

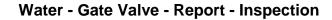
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			TRUNK VALVE		VALVE	ACTION	FURTHER ACTION REQUESTS
ITEM		YES	NO	YES NO		TAKEN	COMMENTS
	- Noise apparent						COMMENTS
2.5	Gland Leakage - Before exercising / After exercising						
	- Need Replacing						
	- 50% or more adjust remaining?						
3 C	ONDITION ASSESSMENT						
3.1	Gland Bolts - Good condition?						
3.2 bolts	Fasteners (including bonnet & flange) - Good condition?						
3.3	Body - Corrosion >20%						
	- Paintwork Satisfactory						
3.4	Pipe/Flanges: Condition & Corrosion						
	- Bolts, Nuts & Washers						
	- Satisfactory						
3.5	Extension Spindles - Satisfactory (If not, replace)						
3.6	Lubrication of gears & any greasing nipple - Did you grease?						
	- Any additional work performed?						
	· · · · · · · · · · · · · · · · · · ·						
<u>Gen</u>	Corrective Action? – access, valve & asso eral Assessment & Comments ribe the maintenance required (or any mainte					□ Y€).	es 🗆 No
Corr	ective work Priority: Low			Medium			High □
<u>Shut</u>	plan required: ☐ Yes ☐ No	AH work:	□ Yes	□ No			
<u>Traffi</u>	<u>c control requirement</u> – "yellow" road pe	ermit: 🗆	Yes	□ No	Police	e: □ Yes	□ No
<u>Pipe</u>	work Condition Rating for sandblasting re	pairs (1-	<u>3):</u>				
□ 1	– Good condition (no pipework corrosior	1)					
□ 2	– Fair condition (some corrosion on pipe	work – m	inor sandi	ing & pair	nt repair)		
	-Poor condition (pipework very corrodec					g & repainting)
Recommendation (further works and including assessment of remaining service life)							
NCCC	(TOTTICE WORKS GITG ITCIOGIT	19 (336331		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		·1	
Redi	ning required: Maps detailed with corre	ct locatio	on & attrik	outes to b	e provide	d 🗆 Yes	□ No

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Inspected by:	Date:
	PHOTOS INSPECTION REPORT
Asset Information	Photo Numbers
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