



DESCRIPTION:	Mechanical – Pressure Vessel Internal/External and NDT – Inspection and Service	FREQUENCY:	
LOCATION:		STANDARD JOB No.:	

SCOPE
This scope covers pressure vessel internal, external and Non-Destructive Testing (NDT) Ultrasonic Thickness (UT) Testing
Complete tasks as below
SCHEDULING REQUIREMENTS
The replacement of the pressure relief valve(s) with a certified pressure relief valve is to be completed under a separate work order in conjunction with this work order.
REPORTING REQUIREMENTS
Inspection and testing must meet requirements of AS 3788
Inspection report signed off by a certified inspector to be provided to Urban Utilities by certified inspector
Report must include Ultrasonic Thickness measurements and comparison of corrosion rate since last inspection
Recommendations must be provided on required actions and date of next inspection to ensure ongoing safe operation of pressure vessel
TASK INSTRUCTIONS
Certified inspector to complete <b>internal</b> and <b>external</b> inspection of pressure vessel as per AS 3788 Section 4.7.3
Complete Ultrasonic Thickness Testing to determine wall thickness
Note that inspection ports have been installed in some locations to enable ultrasonic thickness testing
Provide inspection report signed-off by certified inspector in line with AS 3788 requirements
Report must include Ultrasonic Thickness measurements and comparison of corrosion rate since last inspection
Recommendations must be provided on required actions and date of next inspection to ensure ongoing safe operation of pressure vessel.

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