



<b>Client</b>	Sydney Water OMP Alliance
<b>Dioxide's Role</b>	Principal Contractor
<b>Project Description</b>	Construction of Sodium Hypochlorite Dosing Cabinet
<b>Works Undertaken</b>	<ul style="list-style-type: none"> <li>- Construction of sodium hypochlorite dosing cabinet including:             <ul style="list-style-type: none"> <li>- Duty/standby dosing pumps, 670 L/h at 7 bar</li> <li>- Magnetic flowmeter + thermal flow switches</li> <li>- Custom 20L calibration cylinder</li> <li>- Powder coated SS316 frame with Fiberstrut non-metallic strut, clamps, nuts and bolts.</li> </ul> </li> <li>- Documentation and testing             <ul style="list-style-type: none"> <li>- 3D model of cabinet prior to construction</li> <li>- Full ITP including power up of all items</li> </ul> </li> </ul>
<b>Site Details</b>	<ul style="list-style-type: none"> <li>- North Head Waste Water Treatment Plant</li> <li>- 30 minute drive from Dioxide Pacific head office</li> </ul>
<b>Highlights and Innovations</b>	<ul style="list-style-type: none"> <li>- Custom 20L calibration cylinder made from uPVC with Schedule 80 fittings</li> <li>- Sliding door mechanism utilises ball bearings held in Fiberstrut non-metallic strut</li> <li>- Ceramic flow switches used, suitable for 12.5% sodium hypochlorite</li> </ul>

