



SOP : §§§ PSSR 1

SITE ADDRESS





Date: January 2018




PROCEDURE FOR STEAM BOILER ISOLATION

This procedure is required before issuing any PTW on the boiler

		Date	Time	Signed
<p>1. Switch off green switches & depress gas/oil selector switches on panel.</p> <p>Add label ISOLATED DO NOT SWITCH ON</p>				
<p>2. Shut off feedwater pump & isolate & lock off. Shut manifold valves x2 & inlet from hotwell tank. Lock off and label</p> <p>Lock off and tag with both AP padlock & CP Padlock</p>				

		Date	Time	Signed
<p>3. Switch off power isolator on right side of boiler panel & spur inside door on right hand side. Lock off and label</p> <p>Add label ISOLATED DO NOT SWITCH ON</p>				
<p>4. Shut main gas valve above gas booster & shut gas valves on gas trains to burners. Also shut gas pilot valves.</p> <p>Lock off and tag with both AP padlock & CP Padlock</p>				
<p>5. Unplug both electrical connectors on burners.</p> <p>Add label ISOLATED DO NOT SWITCH ON</p>				

		Date	Time	Signed
<p>6. Isolate crown valve & main isolating valve & lock off x2.</p> <p>Lock off and tag with both AP padlock & CP Padlock</p>				
<p>7. Remove feed-water valve & blank off feed-water side</p> <p>Lock off and tag with both AP padlock & CP Padlock</p>				
<p>8. Crack open block & bleed valve & crack open boiler vent.</p> <p>Any steam egress should stop which proves the valves are holding. PPE to be worn including full face mask</p>				
<p>9. When vent stops emitting steam & the pressure gauge is at zero check bottom manhole for temperature.</p>	 <p>Temperature Reading:</p>			

		Date	Time	Signed
<p>10. Only when bottom manhole is cold place blowdown key in position & start draining boiler. This may take 6/8 hours to drain.</p>				
<p>11. Open blowdown valve to check boiler is drained.</p>				
<p>12. Carefully loosen off x2 top manhole nuts & loosen manhole. Remove top manhole.</p>				
<p>13. Shut blowdown valve & remove secondary valve.</p>				
<p>14. Blank off blowdown pipe [blowdown vessel side]</p>				

		Date	Time	Signed
<p>15. If drained loosen off bottom manhole nuts & loosen manhole. Remove manhole & allow boiler to vent.</p>				

A Permit to Work can now be issued to show that the boiler is safe to open and work on