

# Breaking Containment

WHEN TO COMPLETE – Before the start of any **Breaking Containment** activities

Confirm each control / safeguard below before starting work	Guidance for confirming each control / safeguard	Person(s) Performing Work	Start-Work Verifier
<b>I HAVE CONFIRMED:</b>			
<b>1</b> <b>The equipment has been evaluated for energy isolation requirements.</b> <b>Does the equipment require energy isolation?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>If yes, complete Energy Isolation Start Work Check. If no: continue to Step 2</b>	<ul style="list-style-type: none"> <li>An approved isolation procedure is in place and has been evaluated by a competent person.</li> <li>All potential energy sources have been identified, isolated, locked, and tagged according to the isolation plan.</li> <li>Zero energy state is confirmed.</li> <li>The system has been drained, flushed, or purged to remove hazardous materials or gases.</li> </ul>		
<b>2</b> <b>The hazards have been identified, communicated, and controlled.</b>	<ul style="list-style-type: none"> <li>Work Authorization and Hazard Analysis have been completed and reviewed by the appropriate personnel.</li> <li>Hazards were discussed with the work team before work starts</li> <li>The content of the equipment has been identified.</li> <li>Stop Work triggers have been identified.</li> <li>SIMOPS concerns evaluated</li> </ul>		
<b>3</b> <b>The breaking containment location and work activity has been made safe for work to proceed.</b>	<ul style="list-style-type: none"> <li>The breaking containment location(s) have location identifiers in place and verified by a competent person.</li> <li>Selected tools have been assessed as suitable for the task</li> <li>The containment area is in place, large enough for the anticipated volume (when required), and storm drains have been sealed.</li> <li>Line of fire has been discussed, and controls are in place where needed.</li> <li>Covering, insulation, and heat tracing have been removed at the work location</li> </ul>		
<b>4</b> <b>Restricted zones and/or barriers in place</b>	<ul style="list-style-type: none"> <li>Access to restricted zones is controlled (e.g., attendant or physical barriers)</li> <li>Escape routes are unobstructed and known by the work crew</li> </ul>		
<b>5</b> <b>Gas Testing is performed</b>	<ul style="list-style-type: none"> <li>Work area and/or equipment gas tested</li> <li>Personal monitors worn by workers</li> <li>Area monitors set up</li> <li>Confirm gas testing results are within acceptable limits before equipment is opened.</li> </ul>		
<b>6</b> <b>Personal Protection Equipment (PPE) identified and available</b>	<ul style="list-style-type: none"> <li>PPE is ready to be donned, to protect against identified hazards (e.g., chemical exposures, inhalation hazards, process fluids, and hazardous substances).</li> </ul>		

<b>7</b> Controls are in place for first line break	<ul style="list-style-type: none"> <li>Workers are aware of first line break controls.</li> <li>Competent person standing by</li> <li>Break the flange slowly by loosening the bolts on the lower and opposite side from the worker.</li> <li>Nuts should remain on flange/blind studs until containment (seal) is broken.</li> <li>Additional support and restraints in place to prevent unsafe movement (when required)</li> </ul>		
<b>Confirm these controls / safeguards are in place and verified prior to starting work. Stop and seek help if anything changes.</b>			

	Printed Name & Role	Signature	Date
Start Work Verifier			

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