

**Heavy Oil Service Single Point Isolation  
Checklist**

**PURPOSE:** Prior to isolating any heavy oil system (Vacuum Residue, Asphalt, Slurry, Coker/ROSE feed, Pitch, Coker Gas Oil), a thorough review of the planned isolation shall be conducted to evaluate the possibility of double blocking the equipment or removing the equipment from service. If a double block is not achievable, then this form must be completed.

Equipment Name/Number:

Process Fluid:  Temperature:  Pressure:

Description of Work:

If answering "NO" to any of the following questions, Area Team Leader approval is required.

	YES	NO
Was the system hot, and at normal operating pressure, during the isolation? (If system has steam tracing, the tracing should be in service during the verification process.)		
Was this isolated system purged (steamed, flushed, etc.) with adequate bleeders to allow for proper decon?		
What is the risk of deferring the work scope until the next scheduled outage? _____ _____		
What steps have been taken to verify that the isolation valves are fully seated/isolated and holding? _____ _____		
What mitigations are in place to prevent employee exposure in the event of a release (i.e. face shield, bunker gear, air movers, cooling vest, egress options, fixed monitor coverage, etc.)? _____ _____		
Attach the energy isolation sheet and a marked-up P&ID (or detailed sketch/pictures showing the energy isolation and means of verification of no stored energy) to this document for review.		

	Name (Print)	Name (Sign)	Date
<b>Ops. Maintenance Spec/Unit Operator</b>			
<b>Shift Foreman</b>			
<b>Day Supervisor</b>			
<b>Maintenance Planner</b> (scheduled work only)			
<b>Area Team Leader</b> (if required)			

This completed form must be utilized during the JJSV and should be stored in the Day Supervisor's office until the completion of the workscope.

**Reviewing Comments:**

**ATTENTION:** Printed copies should be used with caution.

The user of this document must ensure the current approved version of the document is being used.