International Association of Oil & Gas Producers

Start-Work Check

Energy Isolation

WHEN TO COMPLETE – Before the start of any **Energy Isolation** activities

Confirm each control / safeguard below before starting work		Guidance for confirming each control / safeguard	Person(s) Performing Work	Start-Work Verifier
I HAVE CONFIRMED:				
1	**The circuit, system, and/or equipment to be worked on is identified in the isolation plan or drawing**	• Tags or markings identify the circuit, system, and/or equipment indicated by the isolation plan or drawing		
2	**All hazardous energy sources have been identified**	• Complete a task risk assessment specific to the scope of work • Discuss hazards with the work team prior to starting work • Inspect equipment for potential energy sources (e.g., electrical, pressure, hydraulic, mechanical, etc.) • Identify and mitigate hazards on any nearby energized circuit/systems/equipment		
3	**Isolation points are identified per the isolation plan and/or drawing**	• All isolations points are in place and tagged or marked (use an isolation diagram, equipment isolation procedure, P&IDs, or process flow diagram)		
4	**Isolation devices are set in the identified position per isolation plan or drawing**	• Valves are open or closed per the diagram and/or plan • Blinds, spades and skillets are: – stamped or certified for the pressure rating of the equipment – installed per the diagram and/or plan • Electrical isolation points are open/switched off or disconnected from power source		
5	**The locks and tags are installed on the equipment/devices per the isolation plan**	• All isolations are in place and tagged or marked (use an isolation diagram, equipment isolation procedure, P&IDs, or process flow diagram) • Lock out tagout devices are on isolation points • Keys are in a designated secure location Note: If a lock is unable to be placed, confirm hazardous energy source(s) points are isolated and secured per isolation plan		
6	**Zero energy state has been verified, proven, and demonstrated**	• Demonstrate powered equipment cannot be started • Systems (lines, gauges, etc.) have been tested for residual or stored energy: – Check bleed and vent points are open to release stored energy – Check gauges, measurements, and volt meters Note: If zero energy is not possible, STOP and: Confirm controls/safeguards are in place, functioning, operated and maintained to manage the risk from residual energy		

Confirm these controls / safeguards are in place and verified prior to starting work.
Stop and seek help if anything changes.

	Printed Name & Role	Signature	Date
Start Work Verifier			

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