ENERGY ISOLATION
START WORK CHECK

National Energy
CORPORATION OF TRINIDAD AND TOBAGO

WHEN TO COMPLETE – Before the start of any ENERGY ISOLATION activities			
Confirm each control / safeguard below before starting works	**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-based 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 isolation 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			

Energy Isolation