Identify the Isolation Boundaries for a Clearance to Replace a Pump Impeller

Job Position(s): ☒ RO ☐ SRO

Source: ☐ New ☐ Bank ☒ Modified _____ (Facility ID No. for Bank or Modified)

K/A Reference: 2.2.15, Ability to determine the expected plant configuration using design and configuration control documentation, such as drawings, line-up, tag-outs, etc.

Method of testing: ☒ Simulated/Walk-thru Performance [Classroom/Plant]

☐ Actual Performance [Simulator/Lab]

Type: (Check all that apply)

☒ Administrative Topics ☐ Control Room Systems ☐ In-Plant Systems
☐ Alternate Path ☐ Emergency/Abnormal ☐ ESF
☐ Low-Power/Shutdown ☐ Time Critical

Task Standard:

Validation Time:

Simulator Setup: NONE

Required Materials:

Mock Work Order for replacement of the impeller on Pump XXXXXX

Mechanical Piping Diagram

Electrical Diagram

General References:

MOP12, Tagging and Protective Barrier System

Initial Conditions:

Initiating Cue:

In preparation for initiating a Safety Tagging Record (STR) to replace the impeller on the XXXXXX pump, determine the limits of protection necessary and proper tag locations required to protect all aspects of the work order.

Performance Information

Critical Steps are annotated by **"c"** and italicized text.

	ELEMENTS	STANDARDS
	NOTE:	
c	*1. Refers to the associated electrical drawing and identifies the following isolation boundaries:* *Power supply Breaker Control* *Power Fuses* *Power supply breaker.*	*Identifies electrical isolation boundaries.*
c	*2. Identifies the proper tag location for each of the components identified in the previous step.*	*Identifies proper tag locations.*
c	*3. Refers to the associated mechanical drawing and identifies the following isolation boundaries:* *Suction Valve* *Discharge Valve* *Vent* *Drain*	*Identifies mechanical isolation boundaries.*
c	*4. Identifies the proper tag location for each of the components identified in the previous step.*	*Identifies proper tag locations.*
	EVALUATOR PROMPT	
c		

Terminating cue: