

St. Croix Operating, Inc.  
Washington County, Colorado

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## OPERATIONS SAFETY MANAGEMENT PROGRAM PLAN

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St. Croix Operating, Inc. (St. Croix), has drafted this plan in accordance with ECMC Rule 304.c.(7) and 602.d. The intent of this plan is to establish operational practices and procedures for safety for Change Management and Pre-Startup Safety for New Locations.

The Change Management Program will describe how St. Croix records changes to technology, equipment, and procedures. It will also describe changes to facilities that will affect a process.

The Pre-Startup Safety Review will delineate how St. Croix conducts the safety and technical review inspection prior to startup of any new or modified equipment or process at a location.

St. Croix staff allowed to approve changes to equipment changes will be employed in a manager-level position.

### **CHANGE MANAGEMENT PROGRAM**

#### *Recordkeeping*

Record Storage Location	St. Croix will keep records related to change management decisions at their main office in Denver, CO.
Record Storage Timeline	St. Croix intends to keep change management decision records for 5 years.
ECMC Record Request Timeframe	St. Croix is committed to providing records requested by ECMC within two weeks of their request.
Records Updated	St. Croix will review the records and update them at a minimum of annually.

### *Documentation*

St. Croix will utilize a Change Management Checklist to document changes in process and equipment. The checklist will be saved in the well file at St. Croix's main office.

## **PRE-STARTUP SAFETY PROGRAM FOR NEW LOCATIONS AND MODIFIED LOCATIONS**

### *Safety and Technical Review*

Prior to Startup, St. Croix will review the equipment on location with field personnel and conduct a visual inspection of equipment connections prior to startup of equipment.

St. Croix will utilize a checklist to ensure new equipment and equipment connections have been visually inspected prior to startup. The startup checklist will be saved in the well file at St. Croix's main office.

Where recommended by the manufacturer, St. Croix personnel will perform an initial pressure test on pressurized equipment and new on-location flowlines prior to confirm safe installation of the new equipment. Pressure tests will be kept in the well file.

For all other proposed equipment, a function test will be performed as per manufacturer's recommendations prior to utilizing the equipment in daily operations.

Measurement equipment changes will be calibrated in accordance with manufacturer recommended specifications and all pertinent regulations prior to being implemented in operations.

# Change Management Checklist

<b>Location Name:</b>	
<b>ECMC Location #:</b>	
<b>Date of Proposed Change:</b>	

The proposed change is:

☐ Temporary

☐ Permanent

If Temporary, how long will the change be in place:	
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Basis for Proposed Change and Why it is Necessary	
Potential Impacts to Public Health, Safety, Welfare, and the Environment that may occur from implementing or not implement the change	

<b>Employee Signature</b>	
<b>Employee Name</b>	
<b>Employee Title</b>	

# Pre-Startup Safety Review Checklist

<b>Location Name:</b>	
<b>ECMC Location #:</b>	
<b>Date of Safety Review:</b>	
<b>Date of Startup:</b>	

The proposed startup is for:

☐ New Location

☐ Modified Location

## Equipment on Location

<input type="checkbox"/> Wellhead	Quantity: _____
<input type="checkbox"/> Oil Tanks	Quantity: _____
<input type="checkbox"/> Water Tanks	Quantity: _____
<input type="checkbox"/> Separator	Quantity: _____

<input type="checkbox"/> Pit	<input type="checkbox"/> Pump Jack	<input type="checkbox"/> Flare
<input type="checkbox"/> Meter House	<input type="checkbox"/> VOC Combustor	<input type="checkbox"/> ECD

Flowlines: ☐ Above-Ground ☐ Buried

## Signage

<input type="checkbox"/> Location Entrance	<input type="checkbox"/> Wellhead	<input type="checkbox"/> Tank Battery
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## Visual Inspections

<input type="checkbox"/> Flowline Connections	<input type="checkbox"/> Wellhead Valves
<input type="checkbox"/> Tank Valves	<input type="checkbox"/> Bradenhead
<input type="checkbox"/> Thief Hatch	

## Pressure Tests

Equipment	Recommended Pressure	Tested Pressure
Flowlines		
Separator		