

# HSE Site Specific Supplemental Requirements – SUNRISE

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## **SUPPLEMENTARY HSE REQUIREMENTS**

This appendix defines Cenovus Sunrise business unit specific HSE requirements to be complied with by the Supplier while performing services at the Sunrise work site. In some cases, the below requirements are in addition to or in replacement of, the requirements in HSE Schedule. If clarification is required, please contact your Cenovus representative.

### **ALCOHOL AND DRUG STANDARD**

The requirement below is in addition to HSE Schedule 3.3 Section 7.  
Pre-access alcohol and drug testing is required for all workers performing safety sensitive work at Sunrise.

### **RISK MANAGEMENT AND HAZARD ASSESSMENT PROGRAM**

The requirement below is in addition to HSE Schedule 3.3 Section 14.

Formal hazard assessments:

- A Job Safety Analysis is required for all permitted work and is a pre-requisite to receive a safe work permit; unless there is a detailed Safe Work Procedure that includes hazard identification and risk mitigation. It is to be specific to the scope of work and must be approved by the worker's lead/supervisor.

Informal Field Level Hazard Assessments:

- A field level hazard assessment must be performed at each task location.
- All Supplier workers will utilize the Sunrise Field Level Hazard Assessment, or a Supplier approved assessment at an equal or higher standard. The Supplier is responsible for ensuring that workers performing Field Level Hazard Assessments have a demonstrated knowledge of how to properly conduct this hazard assessment.
- The Supplier is expected to perform periodic in-process quality control checks as well as post job review of FLHAs to identify improvement opportunities.

Hazard Identifications (HIDs):

- The Supplier must have a hazard identification program for workers to report hazardous conditions.
- All hazards identified must be reviewed by the Supplier supervision to if follow-up actions are required.
- HIDs are to be submitted to the applicable Cenovus representative.
- HID trends and statistics are to be maintained by the Supplier and available to Cenovus for review.

### **EMERGENCY RESPONSE**

The requirement below is in addition to HSE Schedule 3.3 Section 18.

All emergency response activities will be coordinated through the Cenovus Sunrise Emergency Services team.

### **SUNRISE SITE ORIENTATION**

The requirement below is in addition to HSE Schedule 3.3 Section 22.

All workers and visitors to the Sunrise site must complete the 'Sunrise Site Orientation' and comply with all requirements. The Sunrise Site Orientation is located on the [CenovusLearns](#) portal.

### **WORK SITE ACCESS**

The requirement below is in addition to HSE Schedule 3.3 Section 23.

All personnel entering the Sunrise site must be authorized through the Sunrise Initial Site Access authorization process. Upon authorization, workers will be required to show proof of identification and have their picture taken for their site access badge.

### **FALL PROTECTION**

The requirement below is in addition to HSE Schedule 3.3 Section 27.

Use of a fall protection system is required:

- For all work performed above 1.8m
- Where an unusual risk of injury exists from a fall below the 1.8m height threshold.

### **WORK AUTHORIZATION AND PERMITTING**

The requirement below is in addition to HSE Schedule 3.3 Section 25.

For work requiring a Sunrise Safe Work Permit, a Supplier representative must have completed 'Sunrise Safe Work Permit Receiver and Control of Hazardous Energy' course on the [CenovusLearns](#) portal, and be physically present for the duration of the permitted scope of work.

### **CONTROL OF HAZARDOUS ENERGY**

The requirement below is in addition to HSE Schedule 3.3 Section 29.

Workers must complete the 'Sunrise Safe Work Permit Receiver and Control of Hazardous Energy' course on the [CenovusLearns](#) portal prior to performing any work within a Cenovus owned system / safe work envelope.

Supplier control of hazardous energy program must also include first line break procedure(s) to ensure worker safety when opening any systems with the potential to expose a worker to hazardous energy.

### **GROUND DISTURBANCE**

The requirement below is in addition to HSE Schedule 3.3 Section 30.

All ground disturbance activities performed at Sunrise require an additional ground disturbance authorization, approved by the on-site Cenovus Ground Disturbance representative and in alignment with Sunrise Safe Work Permitting practices.

### **WELDING, CUTTING AND GRINDING**

The requirement below is in addition to HSE Schedule 3.3 Section 31.

The Supplier must evaluate the welding task and hazard to determine if respiratory protective equipment is required to be worn by the worker.

## SCAFFOLDING

The requirement below is in addition to HSE Schedule 3.3 Section 38.

All scaffold ladders exceeding 4m in height must include a ladder cage. All scaffold platforms above 1.8m must include toe boards to help prevent objects falling from the scaffold platform. Scaffolder hand tools must be tethered to prevent dropped tools.

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

The requirement below is in addition to HSE Schedule 3.3 Section 40.

All Supplier personnel in areas classified as hazardous at Sunrise must:

- Wear fire resistant clothing/body protection
- Have a four head (CO, H2S, O2, LEL) personal gas monitor (PGM) that has been bumped and calibrated in alignment with the monitor manufacturer specifications. Workers must be trained and competent in the use of the PGM.
- Be clean shaven.

## WORK AROUND BODIES OF WATER

The requirement below is in addition to HSE Schedule 3.3

If the Supplier's scope of work may expose a worker to drowning hazards, the Supplier must implement and maintain a working around bodies of water plan or program. The plan or program must address:

- Hazard assessment requirements
- Additional PPE requirements (ie Personal Flotation Devices, Fall Protection Systems)
- Emergency Response and Rescue

## OCCUPATIONAL HEALTH MANAGEMENT REQUIREMENTS

The requirement below is in addition to HSE Schedule 3.3 Section 41.

### *Naturally Occurring Radioactive Materials (NORM)*

Workers are required to complete NORM awareness training for all scopes of work that may involve exposure to the Refractory Ceramic Fiber's from inside the Sunrise Once Through Steam Generators (OTSGs).

### *Radiation Awareness*

Workers are required to complete radiation awareness training for all scopes of work where there is a potential to be exposed to the Sunrise Treater and Free Water Knock Out (FWKO) nuclear gauge source materials. This includes entry into the above-mentioned vessels with the nuclear gauges shielded/isolated.

Workers may utilize and complete the 'Sunrise Radiation Awareness' course on the [CenovusLearns](#) portal.

## SITE SIGNAGE

The requirement below is in addition to HSE Schedule 3.3.

All posted signage at Sunrise must always be adhered to.

**SAFE WORK PRACTICES / STANDARDS / FORMS**

The requirement below is in addition to HSE Schedule 3.3

The Supplier shall be responsible for complying with the requirements contained within the Sunrise specific documents listed below. The listed forms are also required to be used by the Supplier.

If the requirements of any of the below documents cannot be met, a Request for Deviation must be made following Request for Deviation - SNRS-00-99-HS-PR-0030

Please contact your Cenovus Sunrise site representative for access to these documents.

Aerial Work Platforms	SNRS-00-99-HS-PR-0052
Barricading and Flagging	SNRS-00-99-HS-PR-0024
Bear Management Strategy for Sunrise District	SNRS-00-99-EV-PR-0005
Benzene Program	SNRS-00-99-HS-PR-30106
Compressed Gas Cylinder Storage, Handling and Use	SNRS-00-99-HS-PR-0023
Confined Space - Restricted Space Entry	SNRS-00-99-HS-PR-0006
Control of Hazardous Energy	SNRS-00-99-HS-PR-0004
Cranes Rigging and Hoisting	SNRS-00-99-HS-PR-0005
Electrical Safety Standard	
Fall Protection/Working at Heights	SNRS-00-99-HS-PR-0010
Fatigue Management Safe Work Practice	SNRS-00-99-HS-PR-30012
Housekeeping Safe Work Practice	SNRS-00-99-HS-PR-0021
Isolation of Piping and Equipment - First Line Break	SNRS-00-99-HS-PR-0009
Job Safety Analysis and Field Level Hazard Assessment	SNRS-00-99-HS-PR-0011
Lightning Safe Work Practice	SNRS-00-99-HS-PR-0031
NORM Management Procedure	PR-09 2017 10
Personal Gas Monitors	SNRS-00-99-HS-PR-0055
Personal Protective Equipment, Clothing, Hair and Jewelry	SNRS-00-99-HS-PR-0003
Refractory Ceramic Fiber	SNRS-00-99-HS-PR-0026
Request for Deviation	SNRS-00-99-HS-PR-0030
Safe Driving	SNRS-00-99-HS-PR-30016
Safe Work Permit	SNRS-00-99-HS-PR-0008
Safety Systems Impairment Authorization	SNRS-00-99-HS-PR-0013
Scaffolding	SNRS-00-99-HS-PR-0022
Silica Program	SNRS-00-99-HS-PB-30023
Spill Management	SNRS-00-99-EV-PR-0001
Sunrise Field & CPF Unit Access Control	SNRS-00-99-HS-PR-0012
Waste Management Procedure	SNRS-00-99-EV-PR-0002
Welding and Cutting Safe Work Practice	SNRS-00-99-HS-PR-0049
Working Alone Safe Work Practice	SNRS-00-99-HS-PR-0034
Working Around Bodies of Water	SNRS-00-99-HS-PR-30004
Working in Extreme and Adverse Weather Conditions	SNRS-00-99-HS-PR-30032