



# GoM Region Hose Use and Inspection Program Safe Work Practice (SWP)

## 1 Purpose/Scope

The purpose of this Safe Work Practice (SWP) is to explain and establish practices for the care, use, inspection and testing of hoses used in the GoM Region operations.

## 2 Key Responsibilities

OIMs are responsible for the implementation of the Hose Use and Inspection Program.

## 3 General Requirements

### 3.1 Labeling

Temporary/portable type hoses for Hydrocarbon, Fuel, Chemical or High Pressure Service used on deck must be permanently labeled or tagged to indicate the product the hose will be used for, safe working pressure and, if applicable, the pressure test date. The labeling/tagging must be etched in metal or by other means that ensures it is permanently legible and securely attached. The labeling requirements are effective November 1, 2008. This excludes hoses for service use of Potable Water, Utility Air and Fire hoses.

### 3.2 Third Party/Contractor Hoses

Hoses used by contractors, suppliers or other third parties must be inspected prior to use to ensure they are suitable for the applicable task. This can be accomplished by conducting a documentation review or verified by the label or tag attached to the hose.

### 3.3 Hose Couplings/Fittings

If hoses are not labeled or tagged as stated above they must be equipped with couplings and fittings which are unique to the product.

All temporary hoses and piping which are pressurized must be secured or tied down to prevent movement in the event of failure.

### 3.4 Prior to Hose Use the following actions must be completed

- Inspect the hose to ensure it is designed and rated for the product, pressure and application it will be used for. If the hose is not properly marked, remove it from service until the product service type and inspection history is confirmed. The hose must not be used and should be discarded if this information is not available.

- Inspect the outer surface of the hose to ensure no cuts or abrasions have compromised the integrity of the hose.
- Remove hose from service and properly discard if outer surface has visible damage that may adversely affect its intended use.
- Hoses should be stored in areas that will minimize damage from ultra-violet light (sunlight), chemical exposure, abrasiveness, crushing, tearing, etc.
- Do not lay hoses on stairways or run them through ladder cages and avoid laying hoses in walkways as this may restrict egress.
- Establish barriers to prevent exposure to other staff in area.
- Ensure the hose fittings are in good shape and compatible with the product being transferred.
- Pressurized hoses must be secured with whip checks, safety pins or secured by other means at sufficient intervals to ensure hose movement is controlled in the event of a rupture. Hoses that require pressure testing or hydro testing must be traced by the facility to ensure proper test frequency.
- This material should be incorporated into risk assessments (JSEA's) for pressurized hose use and must be reviewed with work crews prior to starting the job.

<b>Hose Inspection Schedule</b>					
	<b>Type</b>	<b>Pre-Use Visual Inspection</b>	<b>Monthly Inspection</b>	<b>Annual Pressure Test or Replace</b>	<b>Hydro test per mfg'r or 1.5 of max working pressure</b>
<b>Hoses Used on Deck</b>	Synthetic Based Mud (SBM)	YES	NO	YES	YES
	Chemical	YES	NO	NO	NO
	Base Oil	YES	NO	NO	NO
	Liquid Mud Bulk	YES	NO	NO	NO
<b>Hoses used over water</b>	Diesel	YES	NO	YES	YES
	Glycol	YES	NO	YES	YES
	Potable Water	YES	NO	NO	NO
	Methanol	YES	NO	YES	YES
	Oil or Hazardous Substances	YES	NO	YES	YES
Note: Hoses used to transfer product over water, excluding potable water, will be permanently tagged and have a record of hose purchase date, pressure test dates (include certificates/test charts), and manufacturer/distributor information. These Documents are to be kept on file for the life of the hose.					

## 4 Definitions

The GoM Region utilizes several different types of hoses to transfer products in our operations. The most frequently used hoses in our operations are used to transfer the following products:

Chemical additives	Glycol/Methanol	Drilling Mud
High Pressure use	Lube Oil	Diesel

## Revision Log

Revision Date	Authority	Custodian	Revision Details
06/15/12	GoM H&S Director	GoM Safety Programs Lead	Reformatted document to meet new GoM document control template standardization guidelines.
04/10/12	GoM HS Director	GoM Safety Programs Lead	<p>Changed SPU to Region throughout document.</p> <p>Removed OPM references throughout document.</p> <p>Specified that hoses applicable for labeling are for use of High Pressure, Hydrocarbons, or chemicals.</p> <p>Section 3 Removed Air, Potable Water and Fire Hoses from list of Hoses, as these are from utility service line or Fire Fighting systems. Also removed Welding Acetylene hoses, as their inspection is listed in the Hot Work and Safe Welding Plan, Document 685-2.</p> <p>Replaced Hose Inspection Table with table from Excel that didn't list potable water, air, or Fire Hose inspection frequency.</p>
06/01/08	GoM HSSE Director Curtis Jackson	GoM HSSE Programs Manager - Dennis P. Johnson	Issued for use.