



Verification	Originator	Approved	Issued
Initials	CS	ST	ST
Date	10/6/2014	12/11/2014	12/15/2014

TITLE: COFL-GTL-ED-4.4.6-2 Strategy That Controls Effluent Pumps to Efficiently Handle Effluent Outflow SOP 0201 (GTL.EF.13.001)

ESMS Standard Operating Procedure

System: Electrical Efficiency	Procedure No. : SOP 0201
Subsystem: Operating Effluent Pumps	Page No. : Page 1 of 6
Process: Strategy that controls Effluent pumps to efficiently handle effluent flow	Revision No. : 01
	Revision Date : 4/24/2015

Purpose:

Manage/Rotate LOX Storage Tanks to exercise valves, limit the potential for leaks or spills, and testing tank integrity

Scope:

To implement the best maintenance practices to reduce, contain and eliminate possible spills or leaks of liquid oxygen also examining tank integrity.

Responsibility:

Adherence to these written procedures will be the responsibility of the Regional Chief Wastewater Operator.

Procedure:

1. Purpose

The purpose of this procedure is to assure that the plant safety equipment is checked for proper working order.

- 1.1 Check to be sure there is no dump in progress. If there is, wait until the dump is complete.
- 1.2 The normal routine is to put the tank with the highest level on draw. Put the tank with the lowest level on fill. Put the tank remaining on standby.



- 1.3 To put a tank on fill, close the fill valves on the active fill tank. If the level in the tank going on fill is less than 75% or approximately 300 inches, the vessel should be pre-cooled. Do this by opening the top circuit. After the first dump goes through the top circuit, close the top fill valve and open the bottom fill valve.
- 1.4 To put a tank on draw, close the draw valve on the active draw tank and open the draw valve on the tank going on draw.
- 1.5 To put a tank on standby, close both fill valves, and close the draw valve.
- 1.6 When this procedure is complete, change the storage configuration note on the LOX grease board, and on the fill/draw/standby portion of the LOX log. Sign-off on the Bi-weekly duties log

RECORDS

Record	Where Filed	Responsible Individual	Indexing Method	Minimum Retention Time

REVISION LOG

Revision No.	Revision Date	Description of Change(s)
01	4/24/15	Changed box on first page by adding revision number and date

AUTHORIZATION		
Name	Title	Date