Local Disconnet

EQUIP NO/DESC: HEAD-GP01 Multi-energy

*******ENERGY IDENTIFICATION AND ISOLATION ALERT********
NOTE: This equipment MAY need to be locked and tagged out.
As a precaution, verify all energy sources prior to beginning work. The procedure listed below may not have identified all energy sources!

CONTACT Process Area Operator PRIOR TO SHUTDOWN of equipment

Operator was contacted at __:__ am/pm on ___/__/__

PROCEDURE & SEQUENCE TO SHUTDOWN/SECURE THIS EQUIPMENT IS:

Y. Source: Electrical

Location: HEAD-MCCD-6D

Securing Means: Tag,lock

2. Source: Electrical

Location: Local disconnect (Cord Lock) Securing Means: cover plug and lockout

3. Source: Hydrualic

Location: Sludge Suction Valve

Securing Means: Close valve and lockout

4. Source: Hydrualic

Location: Sludge Discharge Valve

Securing Means: Close Discharge Valve and lockout

If MORE SOURCES are discovered please document the energy sources in the spaces above or the back side of work order. Include the location and securing means. If you find an INACCURACY in the documentation above, please EDIT accordingly. LOTOP entered GLTaylor 5-16-03

SOURCE ON TRANSISC FLYSHIGH DALVES LOCATION IMPUT + DISCHAPGE OF PUMP SUCURE & LOCK & TX6



EQUIP NO/DESC: HEAD-GP02 Multi-energy

NOTE: This equipment MAY need to be locked and tagged out. As a precaution, verify all energy sources prior to beginning work. The procedure listed below may not have identified all energy sources!

CONTACT Process Area Operator PRIOR TO SHUTDOWN of equipment

Operator was contacted at __:__ am/pm on ___/__/

PROCEDURE & SEQUENCE TO SHUTDOWN/SECURE THIS EQUIPMENT IS:

1. Source: Electrical

Location: Local Disconnect (Cord Lock)

Securing Means: cover plug and lockout/tagout

Local Disc.

Z 1

2. Source: Electrical

Location: Turn off breaker at HEAD-MCCD3A

Securing Means: Lockout/Tagout breaker

3. Source: Hydraulic

Location: Sludge Discharge Valve

Securing Means: Close valve, lockout/tagout

4. Source: Hydraulic

Location: Sludge Suction Valve

Securing Means: Close Suction valve, lockout/tagout

If MORE SOURCES are discovered please document the energy sources in the spaces above or the back side of work order. Include the location and securing means. If you find an INACCURACY in the documentation above, please EDIT accordingly. LOTOP entered 03/01/04 T.Meyer/AVC

5) & OURCE ! HYDRAULIC

FLUSHING VALUES ON INLET & DISCHARGE OF PUMP LOCK & TAG

0K

ENV: 0874

LOCAL DISCONNECT

EQUIP NO/DESC: HEAD-GP03 Multi-energy

******ENERGY IDENTIFICATION AND ISOLATION ALERT*******

NOTE: This equipment MAY need to be locked and tagged out. As a precaution, verify all energy sources prior to beginning work. The procedure listed below may not have identified all energy sources!

CONTACT Process Area Operator PRIOR TO SHUTDOWN of equipment

Operator was contacted at __:__ am/pm on ___/__/

PROCEDURE & SEQUENCE TO SHUTDOWN/SECURE THIS EQUIPMENT IS:

1. Source: Electrical

Location: (HEAD-MCCE-2A)

Securing Means: Tag,lock

2. Source: Electrical

Location: Local disconnect (Cord lock)

Securing Means: Place lock on plug and Tag

3. Source: Hydraulic

Location: Sludge Suction Valve

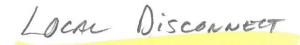
Securing Means: Close and Lock out valve

4. Source: Hydrualic Location: Discharge Valve

Securing Means: Close dischard Valve and Lock out

If MORE SOURCES are discovered please document the energy sources in the spaces above or the back side of work order. Include the location and securing means. If you find an INACCURACY in the documentation above, please EDIT accordingly. LOTOP entered 10/15/03 GLTaylor

5 FLUSHING DALVES





EQUIP NO/DESC: HEAD-GP05

Multi-energy

******ENERGY IDENTIFICATION AND ISOLATION ALERT***** NOTE: This equipment MAY need to be locked and tagged out. As a precaution, verify all energy sources prior to

beginning work. The procedure listed below may not have identified all energy sources!

CONTACT Process Area Operator PRIOR TO SHUTDOWN of equipment

Operator was contacted at : am/pm on / /

PROCEDURE & SEQUENCE TO SHUTDOWN/SECURE THIS EQUIPMENT IS:

1. Source: electrical Location: HEAD-MCCE 3A Securing Means:tag & lock

2. Source: Electrical

Location: Local disconnect (Cord Lock)

Securing Means: Plug cover and Lock with Tag

If MORE SOURCES are discovered use the BACK SIDE of work order to document the energy source(s). Include the

location and securing means. If you find an INACCURACY in the documentation above, please EDIT accordingly.

(LOTOP entered 1-27-03, J. Stacy

FLUSHIM 6 VALUES

LOCAL DISCONNECT

EQUIP NO/DESC: HEAD-GP06 Multi-energy

******ENERGY IDENTIFICATION AND ISOLATION ALERT******

NOTE: This equipment MAY need to be locked and tagged out. As a precaution, verify all energy sources prior to beginning work. The procedure listed below may not have identified all energy sources!

CONTACT Process Area Operator PRIOR TO SHUTDOWN of equipment

Operator was contacted at : am/pm on / /

PROCEDURE & SEQUENCE TO SHUTDOWN/SECURE THIS EQUIPMENT IS:

CORRECT

1. Source: Electrical

Location: Local disconnect (Cord Lock)

Securing Means: cover plug and Lockout

2. Source: Electrical

Location: HEAD-MCCE5B
Securing Means: Turn breaker off, Lockout and Tag

3. Source: Hydraulic

Location: Sludge Discharge Valve

Securing Means: Close Discharge Valve, Lockout/Tagout

4. Source: Hydrualic

Location: Sludge Suction Valve

Securing Means: Close Suction valve, Lockout/Tagout

If MORE SOURCES are discovered please document the energy sources in the spaces above or the back side of work order. Include the location and securing means. If you find an INACCURACY in the documentation above, please EDIT accordingly. LOTOP entered 03/01/04 T.Meyer/AVC

FLUSIKIM GUALUES

ENV # 0 8 8 3 0874 Name (print)
Equipment HEAD - 6POI THRU 06 Date
Building <u>GRIT PUMPS</u>
Is there a Local Disconnect? Yes □No
Identify ALL potential hazardous energy sources
Chemical Description & SEE HILITES CORRECTED MCC LOCATION ISOLATION MEANS
Chemical Delectrical Mydraulic Description &
ISOLATION MEANS CLOSE JOCK, TAG VAWE
Chemical Delectrical Delectric
ISOLATION MEANS CLOSE, LOCK, TAG-VALVE
□Chemical □Electrical □Hydraulic □Mechanical □Pneumatic □Thermal □Other EQUIPMENT DESCRIPTION & LOCATION
ISOLATION MEANS
□Chemical □Electrical □Hydraulic □Mechanical □Pneumatic □Thermal □Other EQUIPMENT DESCRIPTION & LOCATION ISOLATION MEANS
Are other "non-energy" hazards present? If so, check all that apply:
□Fall/Slip Protection □Confined Space □Gaseous □Chemical □Other