

Commissioning Checklist for Centrifuge

1. Pre-Commissioning Requirements

- Successful installation of the centrifuge

2. Centrifuge Commissioning

- a) Verify if the refurbished centrifuge has proper oil flow prior to the start-up of the centrifuge

Verification:

Date	Cow	Sentrimax

- b) CoW staff will start and run the refurbished centrifuge. The following will be monitored for 12 hours with Sentrimax technician.

- i. Vibration alert and/or alarm were triggered? [Y/N] _____

Vibration alert setpoint: 300 um

Vibration alarm setpoint: 450 um

Verification:

Date	Cow	Sentrimax

- ii. Rear Pillow Block Bearing Temperature alert and/or alarm were triggered? [Y/N]

Temperature alert setpoint: 115 degree C

Temperature alarm setpoint: 120 degree C

Verification:

Date	Cow	Sentrimax

- iii. Front Pillow Block Bearing Temperature alert and/or alarm were triggered?
[Y/N] _____

Temperature alert setpoint: 105 degree C

Temperature alarm setpoint: 115 degree C

Verification:

Date	Cow	Sentrimax

iv. Sludge cake total solid (TS) percentage _____

- Slump test should have a minimum amount of 21% TS.

Verification:

Date	Cow	Sentrimax

v. Centrate condition and turbidity reading _____

Verification:

Date	Cow	Sentrimax

vi. Back drive motor torque reading _____

vii. Any concerns on the torque reading?

[Y/N] _____

Verification:

Date	Cow	Sentrimax

3. Lesson Learned:

a. _____

b. _____

c. _____

d. _____

e. _____

f. _____