

Core Barrel Assembly

Facility:	Written By:	Approved By:	Date Created:	Date of Last Revision

Hazards Present:	PPE or Devices Required:	Additional Training Required:
Pinch Points	Hand protection	Common Core
Lacerations	Steel toed boots	Manual lifting techniques
Manual lifting		

Safe Work Procedure:

- 1) Check Bit for excess water. Outer and Inner gauges should be closely inspected, as well as a visual inspection of the matrix for cracks and damage
- 2) Check reamer for wear, and select a reamer based on the job it is intended to do.
- 3) Inspect locking coupling. If the steel tab is still being used on the end of the male threads inspect for wear. Most commonly wear will be noticed on the low corners. When these corners wear it will be common to get more miss-latches due to the "link" style locking system on the back end.
- 4) Inspect the matrices on the reaming shell and also the adaptor coupling and locking and locking coupling if equipped.
- 5) Ensure stabilizer has plenty of girth left in it and that a lifter case does not have excess play when placed inside the stabilizer.
- 6) Removed landing ring and inspect top and bottom edge for tapered wear, also inspect the body for cracks. A cracked landing ring will result in stuck tubes and another rod pull.
- 7) Using pipe drop grease the male threads of each of core barrel and its components.
- 8) Attach and tighten each joint using proper pipe wrenches.

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure

REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR

Guidance Documents/Standards: MB Workplace Safety & Health Act & Regulations:	This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years
	Reviewed By WSH Committee: Date: