

# Ram BOP Maintenance

This course provides an in-depth understanding of the operation and maintenance of the compact Ram blowout prevention (BOP) equipment.

**NOTE:** This class will expand to a two-day course beginning in April 2024.

## Course Goal

This course aims to increase the theoretical understanding of the operation of the ram blowout prevention equipment, and to provide practical experience performing maintenance tasks on the equipment

## Course Topics

- HSSE
- Compact Ram BOP Body
- Compact Ram BOP Bonnets and Multiple Position Lock (MPL)
- Compact Ram BOP Blocks
- Compact Ram BOP Maintenance Procedures
- Compact Ram BOP Maintenance Practical Exercises

## Course Objectives

Upon completion of the course, participants will be able to:

- Identify the various models of Ram BOPs.
- Describe the purpose and function of the compact Ram BOP.
- Identify the component part of the compact Ram BOP.
- Describe the ideal storage conditions for rubber goods.
- Describe the maintenance procedures for compact Ram BOPs.
- Disassemble, visually inspect, and assemble a compact Ram BOP bonnet.
- Visually inspect a compact Ram BOP body.

## Target Group

Personnel responsible for troubleshooting and maintaining Compact Ram blowout preventers.

## Prerequisite Skill and Knowledge

GEN2 MUX Control System Fundamentals and/or SeaONYX® Control System Fundamentals are recommended prerequisites.

## Personal Protection Equipment

Work clothes and steel toe shoes are required to attend the classroom version of this course. Eye and hand protection are provided by HMH.

## Course Capacity

Maximum number of participants is 8.

## Course Duration

January to March – 1 Day Classroom and Practical  
April to December – 2 Days Classroom and Practical

## The following objectives will be added to the two day class beginning in April 2024:

- Disassemble, visually inspect, and assemble a 3K and 5K multiple position lock (MPL).
- Remove, visually inspect, and install a compact Ram seal seat.
- Remove, visually inspect, and install a compact Ram wear plate.
- Remove, visually inspect, and install a compact Ram SSTV seal seat/wear plate.

