

BWMS COMMISSIONING TESTING

OBJECTIVE OF BWMS COMMISSIONING TESTING

Commissioning testing is required to demonstrate that the installed BWMS onboard of the vessel is performing as designed, showing that the mechanical, physical, chemical and biological processes are working properly

QUALIFIED TESTING PROVIDERS

With years of BWMS retrofit experience and hundreds of installations completed, shipowners can confidently engage Golten's highly experienced engineers to conduct this testing

BWMS TESTING PROCESS

System testing should be conducted using local ambient water regardless of the challenges this water may present and regardless of it being within or outside the original system design limitations

For guidance



IMO-COMPLIANT COMMISSIONING TESTING OF BWMS STEP BY STEP

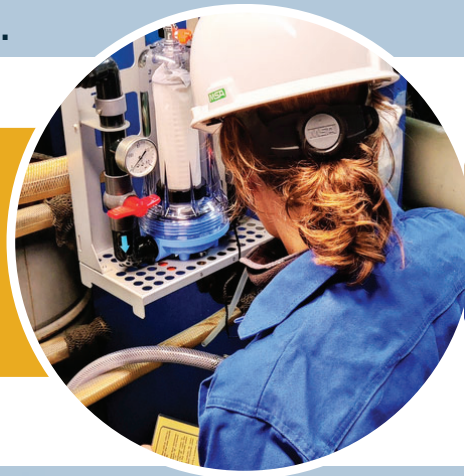


STEP 1: AMBIENT WATER SAMPLE TESTING (OPTIONAL)

During ballast water uptake, a sample of ambient water can be taken from the in-line sample port or direct harbor sample. Detailed analysis of the sample is not required, but an indicative analysis may be performed if desired.

STEP 2: BALLAST WATER DISCHARGE SAMPLING

A representative sample is collected during ballast water discharge following full treatment and in accordance with MEPC guidelines.



STEP 3: INDICATIVE ONBOARD ANALYSIS

Once the sample has been taken, an indicative onboard test will be conducted to demonstrate that the IMO D-2 standard has been met. This defines the maximum amount of viable organisms allowed to be discharged.



FINAL STEP: REPORTING

Once completed, the results of the testing, inclusive of the method used and the test results, need to be filed with the Flag State or Class as required by the Flag State.

