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# PERMANGANATE VALUE TEST KIT

Product group: **661** Product number: **778861**

Sewage on board ships needs to be treated before it is discharged to the sea.

Sewage treatment plant is used to treat the final effluents and make it less harmful for the sea.

COD and BOD are among the key parameters to be determined before the effluent discharge.



## Product information

Test Parameter: Permanganate Measuring Range: 0 to >30PV

The Permanganate Value (PV) is a test for indicating the general quality of final effluents from on board sewage treatment systems. The PV result enables the COD and BOD of the effluent to be calculated and the effluent classified as to its acceptability for discharge according to MARPOL Annex IV guidelines.

Replacement Consumables:

PERMANGANATE VALUE TABLETS (778863)

ACIDIFYING SE TABLETS (778868)

\*\*References\*\* MEPC 159 13th Oct 2006 describes the performance criteria for effluent treatment plant installed on ships for the period 2010 to 2016. MEPC 227 (annex 22) 5th Oct 2012 (supersedes MEPC 159) and will apply to sewage treatment plants installed on or after 1 January 2016.

Features

- Rapid test to calculate COD and BOD of effluent waters
- Easy and cost effective

Benefits

- Fast and Effective indication for final discharge, ensuring the discharge is within the regulatory requirements.

## Specification

General

Invent Hazard Material (IMO/EU) classification	C-9
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## Documents

[Effluent-Water-Test-Methods-Rev-2-20th-Feb-2017](#)

[SDoC and MD for IHM](#)

[Resolution-MEPC159-55](#)

[Resolution-MEPC227-64](#)

## Related products

Accessories

**555714**

SHAKER TUBE 309 TEST KIT

**778868**

ACIDIFYING SE TABLETS PCK 100

**778863**

PERMANGANATE VALUE TABLETS PCK 100

Is frequently bought together with

**778457**

CHECKIT TEST CELLS

**778420**

CHECKIT COMPARATOR

**778421**

CHECKIT FREE CHLORINE DISC

**777934**

CHLORINE DPD NO 1 (FREE) 250 TESTS

778415  
TURBIDITY TUBE

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