



Watertight Door
Maintenance
K-495-0401



WTD CMS

Lesson Number	Title	Class Periods	Lab Periods	PA Periods	Total Periods
Special	INTRODUCTION		1.0	0.0	0.0
1.0					
Special	PRE-TEST		1.0	0.0	0.0
1.0					
1.1	Watertight Closures Introduction	1.0	0.0	0.0	1.0
Special	MACHALTS		1.0	0.0	0.0
1.0					
1.2	Types of Watertight Closures		1.0	0.0	0.0
1.0					
1.3	Watertight Closure Component Parts	1.0	0.0	0.0	1.0
1.4	Watertight Closures Inspection		1.0	1.0	0.0
2.0					
1.5	Self-Lubricated Bushings		1.0	0.0	0.0
1.0					
1.6	Balanced Joiner Doors		1.0	0.0	0.0
1.0					
1.7	Watertight Closure Maintenance and Repair	1.0	2.0	0.0	3.0
1.8	Watertight Hatch and Scuttle Repair	1.0	1.0	0.0	2.0
Special	FINAL COMPREHENSIVE TEST	1.0	0.0	0.0	1.0
	Unit Total	12.0	4.0	0.0	16.0



WTD TO/EOs

- **TERMINAL OBJECTIVE(S):**
- **1.0 PERFORM** INSPECTION, MAINTENANCE, AND REPAIR OF
- **WATERTIGHT CLOSURES** in accordance with **STRUCTURAL CLOSURES, NAVAL SHIPS' TECHNICAL MANUAL CHAPTER 600 VOLS 1 AND 2.**

- **LESSON TOPIC 1.1 WATERTIGHT CLOSURES**

- **INTRODUCTION**
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- **Enabling Objective(s):**
 - **DESCRIBE** reference material, terms and definitions associated with watertight closures inspection, maintenance and repair in accordance with **STRUCTURAL CLOSURES, NAVAL SHIPS' TECHNICAL MANUAL CHAPTER 600 VOLS 1 and 2.**

- **LESSON TOPIC 1.2 TYPES OF WATERTIGHT CLOSURES**

- **Enabling Objective(s):**
- **1.2 DESCRIBE** the types of Watertight Closures in accordance with **STRUCTURAL CLOSURES, NAVAL SHIPS' TECHNICAL MANUAL CHAPTER 600 VOLUME 1.**



WTD TO/EOs

- **LESSON TOPIC 1.3 WATERTIGHT CLOSURE COMPONENT PARTS**
- Enabling Objective(s):
- 1.3 **DESCRIBE** the Watertight Closures component parts in accordance with STRUCTURAL CLOSURES, NAVAL SHIPS' TECHNICAL MANUAL CHAPTER 600 VOLUME 1
- **LESSON TOPIC 1.4 WATERTIGHT CLOSURES INSPECTION**
- Enabling Objective(s):
- 1.4 **PERFORM** inspection of Watertight Closures in accordance with STRUCTURAL CLOSURES, NAVAL SHIPS' TECHNICAL MANUAL 600 VOLUME 1
- **LESSON TOPIC 1.5 SELF-LUBRICATED BUSHINGS**
- Enabling Objective(s):
 - **DESCRIBE** components and installation of Self-Lubricated bushings for
- Quick-Acting Water Tight Closures in accordance with STRUCTURAL CLOSURES,
- NAVAL SHIPS TECHNICAL MANUAL 600 VOLUME 1.



WTD TO/EOs

- **LESSON TOPIC 1.6 BALANCED JOINER DOORS**
- Enabling Objective(s):
- 1.6 **DESCRIBE** the function and operation of the BALANCED JOINER DOORS in accordance with Maintenance and Repair Manual for the Balanced Joiner Door, S9167-AS-MMO-010 and STRUCTURAL CLOSURES, NAVAL SHIPS TECHNICAL MANUAL 600 VOLUME 2.
- **LESSON TOPIC 1.7 WATERTIGHT CLOSURE MAINTENANCE AND REPAIR**
- Enabling Objective(s):
- 1.7 **PERFORM** maintenance and repair on Watertight Closures in accordance with STRUCTURAL CLOSURES, NAVAL SHIPS' TECHNICAL MANUAL CHAPTER 600 VOLUME 1.
- **LESSON TOPIC 1.8 WATERTIGHT HATCH AND SCUTTLE REPAIR**
- Enabling Objective(s):
- 1.8 **PERFORM** repairs on Watertight Hatches and Scuttles in accordance with STRUCTURAL CLOSURES, NAVAL SHIPS' TECHNICAL MANUAL CHAPTER 600 VOL 1.



WTD THROUGHPUT

- CDP 00PE(Yokosuka)
- 3 year total is 225 with an AAOB of 75
- Dynamic Util % is 104.3%
- Plan Util % is 153.3%

- CDP 254R(San Diego)
- 3 year total is 416 with an AAOB of 139
- Dynamic Util % is 108.3%
- Plan Util % is 112%



WTD THROUGHPUT(CONT)

- CDP 00PE(Yokosuka)
- 3 year total is 225 with an AAOB of 75
- Dynamic Util % is 104.3%
- Plan Util % is 153.3%

- CDP 254R(San Diego)
- 3 year total is 416 with an AAOB of 139
- Dynamic Util % is 108.3%
- Plan Util % is 112%



WTD THROUGHPUT(CONT)

- CDP 290F(Pearl Harbor)
- 3 year total is 88 with an AAOB of 29
- Dynamic Util % is 43.6%
- Plan Util % is 43.6%

- CDP 535V(Norfolk)
- 3 year total is 514 with an AAOB of 171
- Dynamic Util % is 100.63%
- Plan Util % is 123.3%



WTD THROUGHPUT(CONT)

- Overall CIN K-495-0401
 - 3 year total is 1243 with an AAOB of 414
 - Dynamic Util % is 103.7%
 - Plan Util % is 107.7%
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- Dynamic Input = Dynamic Quotas
 - Plan Input = If quotas were spread automatically, then these are plan quotas. If quotas were not spread then these are Monthly Plans and calculated, the calculation to be dependent upon whether there are Class Schedules.
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- Once we Quotas are made dynamic the requirements, plans and plan quotas are frozen. The only thing you adjust are dynamic quotas. Hence Plan Utilization and Dynamic Utilization. This shows you how well you planned and how well you executed your plan.