

# NATIONAL 2<sup>nd</sup> ASSISTANT ENGINEER OF STEAM / MOTOR / GAS TURBINE § 11.514

NAME: \_\_\_\_\_ REFERENCE #: \_\_\_\_\_ DATE: \_\_\_\_\_

<b>General Requirements</b>	<b>Reference: 46 CFR</b>	<b>✓</b>
Must have U.S. Citizenship.	10.221	
Must be at least age 21.	11.201	
Medical Certificate Requirements: <ul style="list-style-type: none"> <li>• Original - Must hold a valid Medical Certificate or <b>be approved</b> for Medical Certificate.</li> <li>• Renewal, ROG, New Endorsement - Must hold an unexpired Medical Certificate or submit a Medical Certificate application.</li> </ul>	10.301 /10.302	
Must be Drug Testing Compliant.		
Mariner Fees must be paid.	10.219	
<b>Sea Service Requirements</b>	<b>Reference: 46 CFR</b>	
<b>Recency</b> – 90 days in the past 3 years with at least 45 days on vessels of 4,000 HP or more	11.201	
<b>2<sup>ND</sup> ASSISTANT ENGINEER</b>	<b>46 CFR</b>	
360 days of service as an assistant engineer, while holding a MMC as 3 <sup>rd</sup> A/E, <b>OR</b>	11.514	
360 days of service while holding a MMC as 3 <sup>rd</sup> A/E, <b>OF WHICH</b> 1. 180 days of service as 3 <sup>RD</sup> A/E, <b>AND</b> 2. QMED service calculated on a 2 for 1 basis up to maximum 180 days.	11.514	
<b>Propulsion</b>	<b>46 CFR</b>	
<b>Holds: Steam / Motor / Gas Turbine</b>	<b>11.502</b>	
<b>Requesting: Steam / Motor / Gas Turbine</b>		
At least 1/3 of the minimum service requirements must have been on the particular mode of propulsion (steam, motor and/or gas turbine) for which applied. <b>OR</b> ,	STM	
	MTR	
	GT	
Completion of a Coast Guard approved course which meets sea service Steam or Motor or Gas Turbine (circle one)		
<b>Horsepower</b>	<b>46 CFR</b>	
Unlimited Horsepower: At least 50% of the required service on vessels of 4000 HP/3000 kW or more, <b>OR</b>	11.503	
Limited Horsepower: Max HP that 25% of the required service was obtained or 150% HP on which at least 50% of the required service was obtained, <b>WHICHEVER IS GREATER.</b>	11.503	
<b>Other Requirements</b>	<b>Reference:</b>	
First Aid (completed within 1 year) (original only)	11.201	
CPR (must be valid) (original only)	11.201	
Approved Basic Fire Fighting Course within 5 years of application date (unless previously met) Valid STCW BT is acceptable.	11.201	
Advanced Fire Fighting Course within 5 years of application date (unless previously met) Valid STCW Advanced Firefighting is acceptable.	11.201	
<b>EXAMS</b>	<b>Reference:</b>	
see Exam Guide		
Examination.	11.903	
<b>Note:</b> A person holding an endorsement as 2 <sup>nd</sup> assistant engineer may qualify for an STCW endorsement, according to § 11.327, 11.329, and 11.333.	11.514	