

# RIO GRANDE PACIFIC CORPORATION

## LOCOMOTIVE ENGINEER SKILLS EVALUATION CHECKLIST

<b>IDAHO NORTHERN &amp; PACIFIC</b>	<input type="checkbox"/>	<b>NEBRASKA CENTRAL</b>	<input type="checkbox"/>
<b>NEW ORLEANS &amp; GULF COAST</b>	<input type="checkbox"/>	<b>WICHITA, TILLMAN, &amp; JACKSON</b>	<input type="checkbox"/>

NAME:	DATE:	TIME:
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CLASS OF CERTIFICATE: STUDENT ENGINEER <input type="checkbox"/> TRAIN SERVICE ENGINEER <input type="checkbox"/>	TYPE OF EVALUATION: §240.127 SKILLS EVALUATION - CERTIFICATION <input type="checkbox"/> §240.129 MONITORING RIDE - ANNUAL <input type="checkbox"/> §240.129 MONITORING RIDE - PERIODIC <input type="checkbox"/>
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TRAIN ID:	LOCOMOTIVE CONSIST:
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TRAIN CONSIST	LOADS:	EMPTYES:	TONS:	LENGTH:
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START SUBDIVISION:	LOCATION:	MILEPOST:
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END SUBDIVISION:	LOCATION:	MILEPOST:
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TOTAL MILES:	TOTAL TIME:	SCORE:
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**INSTRUCTIONS & SCORING:** Mark the appropriate box to indicate if the engineer followed acceptable procedures. All items that apply to the evaluation must be observed. All items that do not apply to the evaluation must be indicated in the N/A column. A minimum of 20 items must be observed. Results of the evaluation must be discussed with the engineer; acknowledgment of discussion must be indicated by engineer signature.

Each task is “weighted” equally (one mark = one point)\*. Items marked in the N/A column are not calculated. Pass rate is 100%. Any failure must be re-evaluated immediately resulting in a 100% rate. Documented rate of less than 100% will result in engineer’s inability to operate the controls of a locomotive without DSLE or Instructor engineer supervision until a 100% rate is achieved. Explain all documented failures in the comments section of this form.

\***Highlighted/italicized** items are “must know” tasks related to 49 CFR 240.117(e). Failure of any of these tasks will result in immediate skill evaluation failure regardless of overall score.

	YES	NO	N/A		YES	NO	N/A
<b>1. LIGHT LOCOMOTIVE</b>				<b>10. OPERATING RULES</b>			
A. <i>Brake Tests</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A. Use of Bell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Coupling Speed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. Use of Horn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Changing Ends	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C. Use of Headlight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2. AUTOMATIC BRAKE OPERATION</b>				D. Use of Radio	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. <i>Brake Tests</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E. <i>Signal Compliance</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Minimum Reduction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F. Signal Communication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Total Reduction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G. Knowledge of Special Instructions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Release Procedure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	H. Knowledge of Operating Rules	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. Independent Release	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	I. Knowledge of Safety Rules	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>3. DYNAMIC BRAKE OPERATION</b>				J. Willingness to Follow Instructions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Time Delay	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	K. Possession of Required Publications	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Application rate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	L. <i>Main Track Authority</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Release Rate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>11. TRAIN HANDLING</b>			
<b>4. INDEPENDENT BRAKE</b>				A. Starting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Application	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. Acceleration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Release	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C. Deceleration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5. MONITORS</b>				D. Cresting Grade	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Train Profile	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E. Power Braking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Air Gauges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F. Familiarity With Terrain	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. <i>Mounted Safety Devices</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G. Judgment – Location of Train	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	YES	NO	N/A		YES	NO	N/A
<b>6. REACTION TO:</b>				H. Plans Movements Ahead	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Locomotive Wheel Slip/Slide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	I. Properly Controls Slack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Dynamic Brake Overload	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	J. Procedures for Set-Out and Pick-Up's	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Alarm Lights/Bells	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>K. Speed Control</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>7. FUEL CONSERVATION</b>				L. Judgment In Stopping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Throttle Modulation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M. Yarded Train Efficiently	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Dynamic Braking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. Detaching from Train	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Engine Shutdown/Isolation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	O. Undesired Emergency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>8. DAILY INSPECTION</b>				P. Proper Coupling Speed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A. Card Signed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Q. Locomotives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>9. LOCOMOTIVE MANAGEMENT</b>				<b>12. DISTRIBUTED POWER</b>			
A. Locomotive Inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A. Set Up	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Engine Start-Up	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. Operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Sand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C. Knockdown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Short Time Rating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>13. REMOTE CONTROL</b>			
E. Protective Devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A. Set Up	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. Secures Unattended	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. LCU Alarms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. Plans Movements Ahead	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C. Man Down Feature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				D. Cut-out/System Off	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**COMMENTS**

<b>ENTERED BY:</b>	<b>DATE:</b>
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**ENGINEER SIGNATURE:**