

BOILERMAKER INFORMATION SHEET 2023

Employers, journeypersons and instructors play a key role in the success of apprenticeship in Newfoundland and Labrador. By working collaboratively with government, stakeholders support the apprenticeship system in the development of a highly skilled workforce.

To receive a Red Seal endorsement, apprentices must pass the Red Seal examination. In 2022, Newfoundland and Labrador's Red Seal exam pass rate for the Boilermaker trade was 69 per cent. This is above the 2022 national average of 51 per cent. As supervising journeypersons and instructors, you are integral in helping train and prepare apprentices to write the Red Seal exam. Apprentices should be exposed to, have the ability to practice, and be able to explain how to complete all skills in the logbook; this will assist them in being successful in their Red Seal exam.

Given the broad scope of the trade, it can be difficult to know where to focus to prepare apprentices. To help inform your training plan with the apprentice, the Apprenticeship and Trades Certification Division (ATCD) has identified a list of five lower performing tasks demonstrated by Newfoundland and Labrador apprentices on the Red Seal exam for your trade*. We encourage you to review the list below with apprentices. Details on these tasks can be found in the national occupational standard for your trade – the Red Seal Occupational Standard (RSOS): [Red Seal Occupational Standard - Boilermaker](#)

Task/Sub-Task	Description	Number of Questions on RS Exam (out of 120)	RSOS Page Number
Task A-3	Organizes work.	6 questions	Pg. 35
A-3.01	Organizes project tasks and procedures.		
A-3.02	Uses drawings and specifications.		
A-3.03	Handles materials and components.		
A-3.04	Demobilizes site.		
Task B-9	Performs post-lift activities.	5 questions	Pg. 69
B-9.01	Conducts post-lift inspection.		
B-9.02	Disassembles hoisting equipment.		
B-9.03	Maintains rigging equipment.		
Task C-10	Performs fabrication.	10 questions	Pg. 73
C-10.01	Lays out components for fabrication.		
C-10.02	Cuts components for fabrication.		
C-10.03	Forms components for fabrication.		
C-10.04	Constructs components.		
Task C-12	Fastens components.	7 questions	Pg. 81
C-12.01	Bolts components.		
C-12.02	Expands tubes.		

Task/Sub-Task	Description	Number of Questions on RS Exam (out of 120)	RSOS Page Number
C-12.03	Lays up fiberglass.		
Task D-13	Services vessels and components.	17 questions	Pg. 88
D-13.01	Inspects vessels and components for defects.		
D-13.02	Prepares vessels and components for servicing.		
D-13.03	Repairs vessels and components.		
D-13.04	Performs preventative maintenance and upgrades.		
D-13.05	Tests materials, vessels and components.		

**The information above represents the last three years where Red Seal exam data is available (May 2020 – May 2023).*

For additional resources to assist apprentices (e.g., Self-Assessment Guide, Red Seal Practice Questions, etc.), please visit the **Trade Profile** section on the ATCD website: www.gov.nl.ca/atcd/designated-trades/trade-profiles/

ATCD would like to thank you for your contribution towards apprenticeship training and investing in the future of skilled trades in Newfoundland and Labrador.