

IRONWORKER (GENERALIST) 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 Ironworker (Generalist) trade was 75 per cent. This is below the 2022 national average of 80 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 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 National Occupational Analysis (NOA): [National Occupational Analysis - Ironworker \(Generalist\)](#)

Task/Sub-Task	Description	Number of Questions on RS Exam (out of 120)	NOA Page Number
Task E-12	Stresses tendons.	3 questions	Pg. 37
E-12.01	Sets up stressing equipment.		
E-12.02	Tensions tendons.		
E-12.03	Cuts and caps tendons.		
E-12.04	Removes stressing equipment.		
E-12.05	De-stresses tendons.		
Task F-15	Installs ornamental components and systems.	9 questions	Pg. 45
F-15.01	Installs curtain walls and window walls.		
F-15.02	Installs miscellaneous components.		
Task F-16	Installs conveyors, machinery and equipment.	8 questions	Pg. 47
F-16.01	Installs material handling systems.		
F-16.02	Aligns material handling systems.		
F-16.03	Places machinery and equipment.		
Task G-18	Dismantles and removes structural, mechanical and miscellaneous components.	6 questions	Pg. 52
G-18.01	Ensures decommissioning of structure or components.		
G-18.02	Plans sequence of disassembly.		

Task/Sub-Task	Description	Number of Questions on RS Exam (out of 120)	NOA Page Number
G-18.03	Removes 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.