






Apprenticeship Program Annual Update 2025-26 Insulator (Heat and Frost)

Insulator (Heat and Frost) Apprenticeship Education Program (AEP) Overview

	Consists of four periods of training.		All periods consist of 1620 on-the-job instruction hours.
	All periods of classroom instruction are offered at NAIT & SAIT.		The AEP was updated in January 2026
	Post-secondary institutions, unions or associations may offer other programs related to the Insulator (Heat and Frost) AEP. Contact your local post-secondary institution, union or association for offerings and availability		

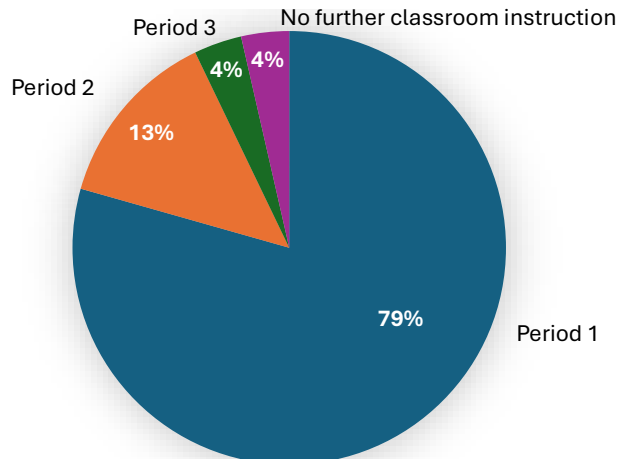
Helpful Tradesecrets Links for Apprentices

- **Insulator (Heat and Frost) trade profile:** a detailed overview of the trade, giving a clear picture of what the trade involves, how training works, and what certification requires.
- **Classroom instruction:** provides detailed information on training content, enrollment, attendance expectations, delivery methods, and the policies apprentices must follow.
- **Class Catalogue:** an online tool that lets apprentices look up all available apprenticeship training classes for their specific trade and training year.
- **Apprenticeship Awards and Scholarships:** information on financial support for apprentices and high-school students entering or progressing through the trades.

2025-26 Alberta Insulator (Heat and Frost) Statistics

Registered Apprentices by Period (as of May 1, 2026)

Percentage Breakdown



Number of Apprentices Per Period

Period 1	867
Period 2	147
Period 3	39
Period 4*	0
No Further Classroom Instruction Required	39

*Due to program update the new 4th period is currently empty

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Apprentices by Office

Trade	Bonnyville	Calgary	Edmonton	Fort McMurray	Grande Prairie	Hinton	Lethbridge	Medicine Hat	Slave Lake	Red Deer	Vermillion	Trade Total
Insulator (Heat and Frost)	13	145	724	124	19	4	2	6	3	32	4	1064

Apprenticeship and Industry Training (AIT) Exams Pass Rates

Provincial pass rates and exam averages between January 1, 2025 and May 1, 2026:

Exam	Pass	Fail	Supplemental	Total
Entrance Exam	104	194	0	298
Period 1	140	102	33	275
Period 2	61	11	5	77
Period 3	66	22	5	93
Period 4				
Total trade	371	329	43	743

Interprovincial Red Seal Program

Insulator (Heat and Frost) is a [Red Seal trade](#) and is designated in all 10 provinces in Canada. The current Red Seal Occupational Standard was finalized in 2025.

Insulator (Heat and Frost) Red Seal Alberta Results

The Red Seal exam results for Alberta between January 1, 2025, and May 1, 2026:

Red Seal Exams	Pass	Fail	Supplemental	Total
Trade Qualifier Program	2	1	0	3
Interprovincial (Red Seal) Program	27	9	0	36
Total trade	29	10	0	39

Red Seal Endorsements*	2023	2024	2025	2026 (May 1)
Apprentices issued Red Seal Endorsements	67	44	78	7
Other Individuals issued Red Seal Endorsements	7	8	15	2
Total trade	74	56	93	9

*Note: Red Seal endorsements are also issued to individuals other than those who have completed the Alberta apprenticeship program. The number includes individuals issued a Red Seal endorsement who were certified through Alberta's Trade Qualifier Program or industry training and certification program, and to individuals who successfully completed the interprovincial examination in Alberta rather than in the jurisdiction in which they were originally certified.

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Directing the Future of Alberta Skilled Trades and Apprenticeship

Apprenticeship education and the direction of the skilled trades in Alberta is a partnership between apprentices, employers, industry, training providers and government. The Alberta Board of Skilled Trades and the My Skilled Trades Network are two groups with responsibilities for directing the future.

Alberta Board of Skilled Trades (ABST)

ABST is responsible for advising the Minister of Advanced Education on the direction of Alberta's designated trades certification system. To learn more about ABST and its members, visit [ABST](#).

My Skilled Trades Network (MySTN)

MySTN is the AIT consultation network where experienced tradespeople can volunteer to provide feedback that helps shape apprenticeship education, exams, and training resources. It is hosted on the Tradesecrets website and is open to anyone with experience in an Alberta designated trade. To apply to join the network at learn more, visit [MySTN](#).

We value your feedback!

If you have specific feedback about this trade you want to share with us, please email

TradeIndustryFeedback@gov.ab.ca

and include the trade name in the subject line.