

# INDOOR ENVIRONMENTAL CLEANING PROCESS

# Course OUTLINE

## **PURPOSE**

The Indoor Environmental Cleaning Process training course will educate, train, and certify members of First Nation communities to properly and safely inspect and clean mould, germs viruses, bacteria, and bugs from their own homes and buildings. Training will provide students with background knowledge on common issues that may contribute to these problems, and education on how to prevent these issues from happening in the first place.

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## **METHOD**

The program will be divided between in-class instruction and hands-on training. The classroom portion will be a combination of training instruction and in-class discussions. Instruction will also cover the application of course material to community buildings. Hands-on training will allow each student to become familiar and comfortable with the equipment, tools and Personal Protective Equipment (PPE) required. Students will use their training to successfully clean a building in their own community under trainer supervision.

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## **DURATION**

The course includes 1 day of classroom work and 1 day of hands-on training followed by the exam and certification.

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## **CERTIFICATION**

Certification ensures students have successfully acquired, retained, and are able to institute their training and knowledge to remediate mould growth in their own community and beyond. Students who complete the final exam with a grade of 75% or higher will receive certification.

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## **ATTENDANCE**

Complete and full (100%) attendance is mandatory.

# ECP COURSE MODULES

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## 1. INTRODUCTION TO AIR QUALITY

This first module provides students with an introductory knowledge of air quality, and what is in the air you breathe. This module includes information on air pollution and the Canadian Air Quality Health Index, as well as germs, viruses, and bacteria. Students will also learn how mould not only affects health and wellness, but also buildings and structures.

## 2. INTRODUCTION TO MOISTURE

In this module, students will learn how to recognize moisture problems that affect homes and buildings including indoor humidity issues, leaks, and condensation. Understanding how moisture moves is also key to controlling bacteria, viruses, mould, and bugs. Students will learn how moisture travels inside buildings, how to measure moisture, and how to prevent moisture from developing into an unwanted problem.

## 3. TRADITIONAL REMEDIATION AND PPE

This module will teach the students various methods of traditional remediation techniques and types of containment used in the remediation industry.

Students will also learn what PPE is required for the ECP program, and the proper procedures for putting on and removing PPE.

Students will also be trained and fit-tested (certified) on the use of full-face respirators, a requirement during all phases of the ECP, including the site inspection.

## 4. THE ENVIRONMENTAL CLEANING PROCESS (ECP)

Regardless of the hazard type or level of contamination, the patented Indoor Environmental Cleaning Process (ECP) follows the same steps for each home, building, commercial or residential unit.

This module provides students with the knowledge and understanding of the 5 steps of the ECP. Students will be trained both in the classroom, then on-site in an actual remediation and environmental cleaning job within their community.

During on-site cleaning, students will perform a full indoor/outdoor site inspection, then use the ECP to clean two community buildings under the direct supervision of the course instructors, while using proper PPE and ECP tools and cleaning equipment.



*The Indoor Environmental Cleanup Process uses an inherently biodegradable cleaning solution that works against antibiotic resistant bacteria, viruses, fungi, mould and mildew to 99.99999% efficiency. This product is also very effective against the germs and bacteria that cause colds, flu, and other health risks.*

## 2 DAY COURSE BREAKDOWN

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### DAY 1: In-class training and open discussion

Module 1: Understanding air quality, and an introduction to germs, viruses, bacteria, and mould

Module 2: Introduction to moisture, and easy fixes for common moisture problems

Module 3: Traditional remediation techniques, and environmentally friendly mould cleaning solutions

Module 4: The Indoor Environmental Cleaning Process, killing mould, germs, viruses, and bacteria in as little as a few hours

### DAY 2: On-site training, exam, and certification

Under direct instructor supervision, students will use the five step ECP to remove viruses, bacteria, and mould, using proper procedures and PPE. At the end of the day, students will complete the exam. Those with a passing grade of 75% or higher will receive certification.