

Prerequisites: The course participant shall have created a personal profile in WINDA and have provided their WINDA ID prior to completing the GWO training.

- When attending refresher training, the course participants must do so before the expiry of the previous training record's validity period.

Course Length: 14 hours. Course length shall vary depending on the number of delegates.

Class Size: The maximum number of delegates that may be trained and tested per instructor shall be twelve (12) in the classroom session and four (4) in the practical session.

Course Objectives: The aim of the Enhanced First Aid Refresher (EFA-R) Module is to review and build on previously gained knowledge and skills from BST First Aid or to refresh current EFA skills through theoretical and practical training so that participants can administer safe and effective enhanced first aid in the wind industry.

This training is conducted in accordance with the GWO EFA-R module and successful completion will enable participants to:

- 1) Take responsibility for administering safe, effective, and immediate lifesaving and enhanced first aid measures in an emergency in a wind turbine generator (WTG) environment.
- 2) Act independently in giving assistance in remote areas using advanced emergency equipment and medical teleconsultation while having particular regard for personal protection.

Successful completion of this course results in the following certificate:

- GWO Enhanced First Aid Refresher (EFA-R)
- GWO First Aid Refresher (FAR)

Course Design:

- Power Point® / Lecture / Audio Video / Visual Aids
- Practical Exercises

Successful Course Completion:

Course Content Summary:

- Classroom
- Practicals

Breaks: 10 minutes (approximately every hour)

Lunch: 1 Hour, if applicable

Course Outline:

- Introduction
- Risks/Hazards/Legislation

- Risks and hazards
 - First aid guidelines
- Anatomy and Physiology
 - The human body's life conditions, structures, functions and signs
- Incident management emergency response & teleconsultation
 - Safety awareness and personal protection equipment in an emergency situation
 - Management of an incident
 - Emergency rescue teams, emergency calls and medical teleconsultation
- Lifesaving and enhanced first aid using primary and secondary survey
 - The "C" in the A-B-C-D-E principle
 - Primary survey
 - "C" catastrophic bleeding
 - "A": Airway
 - "B": Breathing – cardiopulmonary resuscitation (CPR)
 - "C": Circulation
 - "D": Disability
 - "E": Environment / exposure
 - Secondary survey
 - Damage and poisoning through contact with chemical / biological substances
 - Eye injuries
 - Broken bones and injuries to joints/muscles
 - Burns
 - Bites and stings
 - Significant injuries
 - Significant illness
 - Psychological First Aid
- Pain management and further possible medication
 - Application algorithm of pain management
 - Further possible medication
- Enhanced first aid refresher exercises (scenario-based training)
- Training Review

Practical Session:

The Practical training shall verify that the delegate is able to demonstrate the following:

- Managing an incident and providing ongoing care and assessment while waiting for professional help to arrive
- The use of medical teleconsultation and communication media
- Safe approach and initial assessment of the casualty
- Treatment of a casualty with catastrophic external bleeding
- Treatment and assessment on Airway and Breathing
- Practice CPR on adults, correct use of AED and (advanced) ventilatory equipment

- Practice Disability, Environment/Exposure treatment and assessment
- Perform head-to-toe examination
- Practice Chemical/biological contact assessment and treatment
- Use of splint material, and other immobilization/stabilization materials
- Treatment of a bleed (internal and external), burns, shock bites, stings, bleeds, eye injuries, significant illness, during unusual situation
- Correct management of a casualty in pain

Training Center Provided Material:

- Course materials & equipment
- PPE

Delegate Requirements:

- Must possess good physical health as the practical training is physically demanding.

Reference Material/Documents:

- GWO Requirements for Training V14
- GWO Enhanced First Aid Training Refresher Standard V5
- GWO WINDA Sign up – <https://winda.globalwindsafety.org/register/course-participant/>