

Renewable Energy Sector & Safety

Does the Renewable Energy Sector Pose Safety Risks to Workers?

Is the Renewable Energy Sector **Unsafe**?

Renewable sector energy must be promoted, right?

Yes, but Why?

Because this sector;

- Reduces greenhouse gas emissions
- Reduces dependency on fossil fuels
- Addresses the challenges of climate change
- And more.



But What About the Workers?

Like the renewable sector works towards the benefit of the planet and humans, does it pose safety threats to its own workers?

Unfortunately, yes.

Workers working in the renewable energy sector are prone to;

- Falls (Workers who install or maintain solar panels, wind turbines, or other equipment at heights)
- Electrical Hazards
- Thermal hazards (Workers who work with concentrated solar power systems are at risk of thermal burns)
- Chemical Hazards (batteries or fuel cells may contain hazardous chemicals that pose a threat to workers)
- Equipment Malfunctions
- Weather Conditions (high winds or lightning strikes can pose a safety risk.)

So, Is There A Solution?

The good news is
Yes, there are some ways in which safety can be addressed in the renewable energy industry.

01

Investment in proper training and education.

02

Critically perform risk assessments.

03

Exercise standards and regulations.

05

Compulsory usage of PPE.

06

Execute equipment safety features.

07

Develop emergency response plans.

Anything More Significant?

Haha! We knew the previous slide has a list of generalized safety behaviors. But the experts know that in spite of executing stringent safety measures, there is still room for human error.

So is there a more foolproof way to escalate safety in the renewable energy sector?

Well, the good news continues...



The EHS Management Software

This is the foolproof solution we are talking about!
An EHS Software!



01

The renewable energy sector is subject to many environmental and safety regulations, therefore EHS software tracks compliance and ensures obligations are met. (Compliance Module)

02

This software identifies and manages risks associated with operations, such as the risks of falls or electrocution, and assists in strategies to mitigate them. (Incident and Near-Miss Module)

The Benefits would not fit in a single slide..



03

If an incident or accident occurs in the renewable energy sector, EHS software helps manage the response and investigate the cause. (CAPA)

04

EHS software helps to track safety performance metrics, such as the number of incidents or accidents, and identify areas for improvement. (Safety Observation, EHS Portal)

05

EHS software streamlines reporting processes and ensures that data is accurate and up-to-date. (Document Management)



We could go on and on..

The benefits are not ready to fit in 2 slides.
But we know you got a gist of what we
want to convey.

While the renewable sector takes care of
our planet Earth, incorporating the EHS
software helps take care of the safety of
their employees!

Contact Us If You Want To Know More!

Connect with us today!

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ASK-EHS Engineering & Consultants