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TO: Mr Richard Lemmer
PVSTOP

13 February 2025

SUBJECT: LETTER OF APPRECIATION

On behalf of the City of Tshwane Emergency Services Department, I want to extend my heartfelt appreciation to you and PV Stop for providing invaluable training on Photovoltaic System Safety – Risks and Solutions for First Responders. Your expertise and dedication in delivering this specialized course have greatly benefited our first responders and fire safety officers.

The training covered a comprehensive range of modules essential for equipping our personnel with critical knowledge and skills, including:

- Module 1: Overview of Renewable Energy Risks and the Solar Panel Market – Understanding the growing solar energy market and the risks posed by PV systems during emergencies.
- Module 2: Common Reasons for Solar Panel System Failure – Identifying common causes of system malfunctions and appropriate solutions.
- Module 3: Types of Electricity and Risk Factors (AC vs. DC) – Differentiating between alternating current (AC) and direct current (DC) and their associated risks.
- Module 4: PV System Safety & Health Considerations – Exploring safety measures and potential health risks.
- Module 5: Risk Assessment Matrix for First Responders and Safety Officers – Utilizing detailed tools to assess and manage PV system hazards.
- Module 6: Working at Heights and Safety Measures – Implementing best practices and regulations for working at elevated positions.
- Module 7: How to Safely Switch Off and Manage Solar Panels – Learning safe techniques to de-energize and control solar panels in emergencies.
- Module 8: Introduction to PVSTOP – The Tier 1 Solar Safety Solution – Gaining practical knowledge of PVSTOP for safe solar panel deactivation.
- Modules 9-11: Practical Application of Light-Blocking Coating and System Deactivation – Applying light-blocking coatings and ensuring safe deactivation and disposal of PV systems.

On request, this document can be provided in another official language.

This training has proven to be an invaluable resource for our department, providing essential knowledge to enhance the safety of our first responders when dealing with photovoltaic systems. The City of Tshwane Emergency Services Department highly values this course as it equips our personnel with the necessary skills to assess risks effectively, implement safety measures, and respond confidently to PV-related emergencies.

We sincerely appreciate your time, expertise, and commitment to enhancing the safety of our emergency personnel. We look forward to future collaborations that continue to strengthen our preparedness and response capabilities.

Once again, thank you for your outstanding contribution to the safety and development of our emergency response teams.

Regards,



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CHIEF OF EMERGENCY SERVICES

