



VpCI® ADDITIVES FOR WATER TREATMENT



# CASE HISTORY SPOTLIGHT

## Case History #323: Finding Alternatives to Harsh Water Treatment Chemicals

**VpCI™ SOLUTIONS FOR MILITARY APPLICATIONS**

**CASE HISTORY**

**W.P.A.F.B. "Green" Initiative**

**DATE**  
May 2007

**LOCATION**  
Dayton, Ohio

**CUSTOMER**  
Wright Patterson Air Force Base (W.P.A.F.B.)

**PRODUCTS**  
ElectriCor® VpCI™-238  
VpCI™-111 Emitter  
MiCor® VpCI™ Shrink Film  
Boiler Lizard®  
Cooling Loop Gator®  
VpCI™-414  
CorWipe®

**PROBLEM**  
The customer had a "green" initiative where all products and processes were being evaluated for environmental impact. By the end of 2007, they will have changed all possible applications to "greener" alternatives. At the same time, W.P.A.F.B. had high value electronics that needed to be properly maintained and preserved. Additionally, chemicals that had been used in the boilers and cooling systems were harsh and potentially damaging.

**APPLICATION**

- W.P.A.F.B. protected electrical equipment using VpCI™-111 Emitters and ElectriCor® VpCI™-238 electrical spray. For long term storage, the electrical equipment was also wrapped with MiCor® VpCI™ Shrink Film.
- Boiler Lizard® and Cooling Loop Gator® are used in the cooling and heating systems seasonally.
- Tools and equipment being stored are preserved with VpCI™-414 and CorWipe®.

**CONCLUSION**  
By integrating clean, efficient, and environmentally responsible procedures and Cortec® products, Wright Patterson Air Force Base is well on its way to lower their impact on the environment.

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Environmentally Safe VpCI™/MCI™ Technologies

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In 2007, an air force base was working on a "green" initiative in which it evaluated the environmental impact of all products and found as many alternatives as possible. When it came to boiler and cooling systems, they needed to find replacements for some of the harsh and potentially damaging chemicals that had been used. Cortec's Boiler Lizard® and Cooling Loop Gator® were selected for seasonal preservation of cooling and heating systems. These materials are easy to apply and offer advantages for worker productivity and safety, helping them take an important step toward lowering environmental impact with these clean and efficient procedures.

To read the full case history, please visit:  
[https://www.corteccasehistories.com/?s2member\\_file\\_download=access-s2member-level1/ch323.pdf](https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch323.pdf)

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