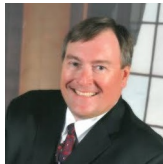


Volume 10 Issue 12 - December 2021

Director's Message



Recently, while cleaning out some old personal files, my family came across our grandmother's hand-written copy of a classic Christmas poem. Written by Eugene Field, "[Jest 'Fore Christmas](#)" is a 19th century tale that recalls simpler times. The poem's central character is a boy named William. It is likely that this particular work caught my

grandmother's attention since her husband and oldest son were both named William.

Now, as we read the yellowed and fragile notepaper that bears our grandmother's distinctive handwriting, we can recall many fond memories of her and our family, especially during Christmas. With the holidays and busy year-end schedules upon us once again, we invite you to take the time to make special memories with family and friends and to file them in your heart so that you may easily find them in the future.

To all of our readers, friends, and associates throughout the world, please accept a heartfelt thank you for everything that you do for us all year long. May your holidays be filled with peace and joy and your New Year with good health and happiness.

~ *Jim Seffrin and the Staff of Infraspection Institute*

Using a Blower Door During an IR Inspection

Data obtained during infrared inspections can often be improved by incorporating other tools. When it comes to building inspections, a blower door can be useful in detecting air leakage sites and helping to gauge the airtightness of a building.

Air leakage is often a major source of energy loss in buildings. Although an infrared imager can help detect evidence of air leakage sites, it cannot pinpoint all air leakage sites nor can it quantify the amount of air leakage occurring. Many thermographers overcome these limitations by utilizing a blower door in conjunction with their infrared inspection.

A blower door consists of an instrumented, high volume fan that is temporarily placed in a doorway to create a positive or negative pressure within a building. In depressurized mode, the blower door simulates a wind blowing equally on all sides of the building. Conducting an infrared inspection with the building depressurized enables a thermographer to detect air leakage sites that would not be visible under natural conditions. With special software, it is possible to estimate the relative leakage of a structure as well as the total area of all leak sites.

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- Jan 10 - 13 Victoria
- Jan 10 - 14 Tempe
- Jan 24 - 28 Palm Springs
- Feb 7 - 11 West Windsor
- Feb 7 - 11 Portland, TX
- Feb 7 - 11 Las Vegas
- Feb 14 - 18 Sydney
- Feb 21 - 25 Palm Springs
- Feb 21 - 25 Melbourne
- Mar 7 - 10 Edmonton
- Mar 7 - 11 Las Vegas
- Mar 14 - 17 Calgary
- Mar 21 - 25 Melbourne
- Mar 21 - 25 Salt Lake City

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Infraspection Institute invite you to see us at the following upcoming conferences. Be sure to stop by and say Hello!



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In celebration of IR/INFO's 32nd anniversary, Infraspection Institute are pleased to announce several special offers combining the world's most respected infrared training and certification program with the industry's original technical conference.



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