



# SAIRAC

The South African Institute of Refrigeration and Air Conditioning  
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## **PORT ELIZABETH NOTICE OF TECHNICAL TALK**

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SAIRAC PORT ELIZABETH INVITES ALL MEMBERS AND INTERESTED PARTIES TO JOIN US AT OUR NEXT TECHNICAL TALK

Topic : Smoke Barriers  
Speaker : Ron Burns of Fire Serve  
Venue : Little Walmer Golf Club, 10<sup>th</sup> Avenue, Walmer, Port Elizabeth  
Date : 26<sup>th</sup> March 2020  
Time : 18H00 for 18H15

### **SYNOPSIS OF TALK:**

#### **Smoke Barriers in accordance with EN12101, why compliance is critical in the design of systems.**

The starting point of any smoke ventilation design is understanding the statutory regulations, the fire load and compartmentalization. Correctly compartmentalized buildings result in efficient smoke ventilation systems and potential financial savings to the overall project. The scope of this talk is to highlight easy to implement fundamentals and to demonstrate advantages of code compliant designs. The talk will also investigate some overlooked principles which can result in unplanned and unwanted consequences when in fire conditions.

### **BIOGRAPHY OF SPEAKER:**

Ron holds the office of Fire and Related Technologies Chair of the South Africa Chapter of ASHRAE. Ron is charged with facilitating open forum discussions allowing easier integrations of all fire related disciplines. As Director of Fire Serve, his working knowledge of EN 12101 allows him to engage with designers of smoke ventilation systems allowing confident specification of compliant high-tech products allowing the designer confidence in selecting equipment which is fit for purpose.