

FAILURE ANALYSIS - The devil is in the detail!

14th January 2016

Speaker: Neil Henry, Principal Materials Consultant, ABB Consulting

Time: 18:30hrs for 19:00hrs

Venue: ABB Ltd, 3100 Daresbury Park, Warrington, WA4 4BT

Organised by the Process Industries Divisions North West Centre

LECTURE

The deterioration in plant condition will almost inevitably start the moment it is put into service. So the safe and reliable management of plant is about the overall process and system you have in place to monitor and manage that deterioration through life – and so ensure that your plant is demonstrably fit for service at all times it is in operation.



To understand the potential failure modes, it is necessary to identify and understand the relevant factors from plant design through to the day it is decommissioned.

In many cases, the correct analysis of small problems or failures can assist in the prevention of large or catastrophic failures.

This presentation is based on 35 years of equipment failure investigation

- Examples are used to illustrate a holistic approach to failure analysis
- The importance and inter-relationship of data from design, fabrication and operation / maintenance is described
- Discussion and conclusion are drawn for root cause analysis and effective application of the results

Complimentary refreshments will be served from 18:30hrs

- The presentation is open to all, but it would be appreciated if those wishing to attend **would register** by 8th January with harrybainbridge678@btinternet.com
- To contact NW secretary John Bartlett on Email: johnbartlett1947@hotmail.com

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