

*New Energy Webinar*

## Benefits of Defect Assessment and The Use of Advanced Assessment Tools

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**Date:** 17<sup>th</sup> September 2014

**Time:** 3PM London / 10AM New York

**Duration:** 60 Minutes

**Cost:** Complimentary

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**Seminar Venue:** Online

(To attend, please [click here](#) and fill in the registration form)

This brochure gives an outline of the event and how to register for this upcoming webinar.



## Key Learning Goals

- Reliable techniques/ tools for analysis of defects in components.
- Decision making in case of detection of cracks or defects during service or inspections.
- Assessment procedures such as 'Crackfit' that enable an estimation of impact of defects on plant integrity and safety.
- Challenges for time management of defect assessment.

Improving plant performance and increasing reliability are key concerns for plant owners and operators. A longer service life of critical plant components (beyond design life) also has a significant economic benefit. Defect assessment procedures are required primarily to avoid structure/component failure during service.

Appropriate selection and application of these procedures during the plant outage (when defects/cracks are found) can reduce the cost of unnecessary repair/ replacement of components. Defect assessment is also beneficial for the manufacturers to predict the life of their component in the presence of defects/ cracks during the service periods.

This webinar will provide information on making accurate run /repair / replace decisions for components in both **high and low temperature** operation, particularly during time critical periods such as outages, and will present a software tool that has been developed to assist both analysis and decision making.

**Join this 1hr FREE Webinar: To learn why defect assessment is necessary and how a reliable & advanced assessment tool is beneficial to assess the fitness for service and safe remaining life of newly manufactured and in-service components.**

## Worked Example

The webinar presentation will discuss the use of industry codes and demonstrate the use of software by solving a practical defect assessment problem, of the kind typically encountered by industrial plant operators.

## Presenter



**Dr James Pullen**

Dr. Pullen is a mechanical engineer with experience in fitness for service assessment in power and process plant.

## How to Register

If you are interested in registering for this presentation, then please go to the following web address and fill in the registration form: [www.etd-consulting.com/defect-assessment-webinar-form](http://www.etd-consulting.com/defect-assessment-webinar-form). Once you have submitted the form a member of our team will confirm your registration. ETD will send you the link shortly before the webinar so that you can watch the presentation online.