

Introduction to Nuclear Quality Systems
for construction and fabrication

The ASME III System

PRESENTED BY:



Nuclear Africa



Nuclear Africa & EON Consulting

Midrand, Gauteng, SA
10 - 11 July 2014

*South Africa is building an additional 9600MW of nuclear power.
This requires three new power stations*

*The DG of Energy has declared a localisation target of 50% for the first
power station. This represents a major opportunity for local industry.*

*However, the market to aim at is the World Market. For local supply and world
export it is necessary to build to approved Nuclear Quality Assurance standards.*

*This first course is an introduction to nuclear power and an introduction to the approach to
the required QA systems.*

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Nuclear Build Quality Systems

The nuclear power industry has the safest record of any power producing sector.

One reason for this is the historical adherence to a strict standard of nuclear construction and fabrication. South Africa now intends to induce companies to get into nuclear fabrication and export. The export elements are important in increasing the size of the market for local industry.

To reach the export market it is necessary to adhere to international quality standards. One such internationally recognised system is ASME III. Nuclear Africa, in collaboration with EON Consulting is offering a course to introduce people to the ASME system and to explain what is required to start any company on the path to achieving the ASME accreditation.

This initial two day course will lead on to another course spanning a three month period, part time. This is an optional extension for those companies wishing to further explore the ramifications of deciding to follow a certification route. Initial government figures for the local nuclear programme are R500 billion. The international market is much larger.

The first two day course is applicable to anybody with or without a technical background. Much of the ASME system relates to accurate record-keeping, so the first course explains process, procedure and background more than technical detail of fabrication.

Who should attend:

The course is an introduction to the background and philosophy of nuclear QA.
So anybody can attend; engineers, project planners, marketing executives, strategic planners.
Also no prior nuclear knowledge is required

Two-day Course R5500.00p/p

CPD Points 2 x CPD Points

Course Presenters:

Dr Kelvin Kemm: Nuclear Africa • Mark Mitchell: EON Consulting
Neil Broom: EON Consulting • Larry Kloppenberg: EON Consulting

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