

This ASME Code of Construction is ideal for welding inspectors involved in boiler and/or pressure vessel fabrication, repair or modification according to the ASME codes. This course is mandatory for inspectors aiming for Inspector of Pressurised Equipment (IPE) certification with the intention of working for an Approved Inspection Authority.

The course is also suitable for project and maintenance engineers and engineering supervisors with responsibility for boilers and pressure vessels as an introduction to the ASME codes.

Candidates should have a Grade 10 qualification as a minimum with 12 months welding inspection experience. Candidates should preferably have completed the SAIW level 2 welding inspector qualification prior to doing this course, which is a requirement for IPE certification.

The course addresses the requirements of ASME Section 1 – rules of construction for power boilers. ASME section VIII Division 1 – rules of construction for pressure vessels, ASME Section IX – welding and brazing qualifications and NBIC – National Board Inspection Code.

The following syllabus with an emphasis on code requirements for welding, fabrication and inspection: design of vessels and boilers; allowable materials; strengthen calculations for openings; fabrication requirements; qualification of welders and welding procedures; Inspection and tests; marking and

reports; pressure relief devices; duties of inspectors; using the codes and calculations; practical solutions to problems.

Successful graduates will have an appreciation for the design requirements and be able to use the codes and interpret and apply the fabrication and inspection requirements in their daily work activities.



CPD credits available for this course

Course Schedule

JOHANNESBURG DURBAN CAPE TOWN								
	HOURS	JHB 1	JHB 2	JHB 3	DBN 1	DBN 2	CPT 1	CPT 2
ASME VIII ASME I ASME IX NBIC	80	04 - 15 Feb	08 - 19 Jul	11 - 22 Nov	11 - 22 Feb	14 - 25 Oct	20 - 31 May	04 - 15 Nov
Examination (2 x 4 hrs)	8							

Please note that any comments, compliments or complaints related to:

1. Training can be forwarded to quality@saiw.co.za 2. Examination and Certification can be forwarded to quality@saiwcertification.co.za