

# PORTABLE HARDNESS TESTING

## COURSE INFORMATION

The main purpose of hardness testing is to determine the suitability of a material for a given application.

**Conventional hardness testers, like Rockwell, Brinell or Vickers machines, require the test piece be brought to the testing device, but this is not always possible.**

Portable hardness testing devices have been developed that permit in-situ

hardness measurements thus offering quick and economical supplements to conventional, stationary testing machines.

This three day course will define hardness, conventional methods of hardness testing and various methods of portable hardness testing. Practical

session during the course will give hands on experience on the portable hardness testing machines with various samples ranging from steel, stainless steel, aluminium and plastics.

After the course, the person will be competent to undertake in-situ hardness testing.

### Course Duration

2 days + 1 day exam

### Pricing (Including VAT)

Corporate Member R 8 524

Non-Member R 9 215

JOHANNESBURG			
	HOURS	JHB 1	JHB 2
<ul style="list-style-type: none"><li>Principles of hardness testing – various techniques</li><li>Similarities and differences between portable and conventional hardness testing</li><li>Importance of calibration and surface preparation</li><li>Behaviour of different materials</li></ul>	16	18 - 19 Jun	29 - 30 Oct
Examination	8	20 Jun	31 Oct