



SCIENTEC



An ISO 9001:2008 Company

SCIENTEC NEWSLETTER

Aug - Sept 2014

**CITY & GUILDS –
Certificate in Process
Technology
Duration: 1 Year Full
Time
Level 2
Venue: Scientec**

Our 2014 learning programmes are now well on the way. Lectures are in full swing at our campus in Asherville.

First Batch: 17th may 2014

Second batch Feb 2015



City & Guilds
PROCESS TECHNOLOGY
An International Qualification To Develop Professionals In Oil & Gas Sector
CALL US ON
031 208 9869
www.facebook.com/scientecurban www.scientec.co.za

Use the “SAFETY DATA SHEET”



The SDS communicates information about the physical and chemical properties of a substance to the user and describes the potential health and environmental hazards associated with the substance. The SDS supplements the alert information provided on the product label and also contains useful information such as the personal protective equipment that should be used, storage requirements, chemical reactivity, and the procedures that should be followed in case of an emergency or spill/leak.

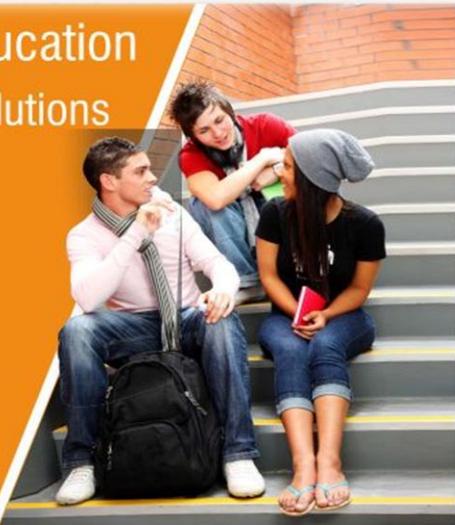
It is important to remember that accident prevention is key when working with hazardous substances. However, if a chemical incident occurs, safety should be the first priority. SDSs are designed to help in both these key areas. Familiarity with the SDS allows for appropriate precautions to be taken for potentially dangerous substances and enhances safety in the workplace.



Innovative Education
& Training Solutions

SCIENTEC (Pty) Ltd
c/o Thekwini College,
Asherville Campus
262, Daintree Avenue,
Asherville, Durban, 4091
P.O.Box 37145,
Overport 4067

Tel : 031 2089 869
Fax : 031 2083 997
Email : info@scientec.co.za



WORLD AROUND US

South Africa's Chemical industry, the largest of its kind in Africa, is highly complex and widely diverse, spanning fuel and plastics fabrication to pharmaceuticals.

It is of substantial significance to the South African economy, and a key component of the country's industrial base. Petroleum, chemical products, rubber and plastic products contributed R318-million to the GDP in 2011, which is about 23% of total manufacturing sales. It employs around 200 000 people.

Gas-to-liquid technologies

South Africa is a world leader in coal-based synthesis and gas-to-liquid technologies. It is among the lowest-cost producers of ethylene and propylene in the world, thanks to abundant access to low-grade coal and leading-edge process technology.



ACCORD TO IMPROVE SAFETY STATUS OF CHEMICALS SECTOR

The Department of Labour (DoL) and its social partners signed the Chemical Sector Health and Safety Accord to improve the status of occupational health and safety (OHS) in the South African chemicals sector.

The aim of the Chemical Sector Health and Safety Accord is to prioritize matters of OHS, eliminate fatalities, injuries and diseases in the sector and to identify and implement best practices.

The accord also aims to raise awareness and promote industry initiatives focused on continual improvement of OHS in the chemicals sector. It will be implemented through the development of a joint action plan.

WORK UNDER WAY TO SELECT ONSHORE SITE FOR SOUTH AFRICA'S CARBON CAPTURE AND STORAGE PILOT

Academics, policymakers and government are in the process of developing the pilot carbon dioxide (CO₂) storage project (PCSP) that will demonstrate the potential viability of long-term CO₂ storage in deep underground geological basins and the project has been granted R197-million over three years.

The current sites under investigation for the PCSP are onshore portions of the Zululand basin, in KwaZulu-Natal, and the Algoa basin, in the Eastern Cape.

While there is more geological storage capacity in the offshore portions of the basins, an onshore pilot will enable industries, government and academics to be involved in the project to inspect and assess the practical elements of CCS and to build skills and capacity in the technology