

Challenges / Applications of Safety & Environmental best practices; IUPAC-UNESCO-UNIDO fellowship feedback.

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The IUPAC-UNESCO-UNIDO safety fellowship accorded me the opportunity to undertake a two-week training at the SASOL Chemical Industries in the Republic of South Africa from June 2, 2002 to June 16, 2002.

In South Africa, Sasol converts coal into value-added synfuels and Chemicals through unique Fischer-Tropsch technologies. The group also refines crude oil into liquid fuels. My training visit to several of their facilities and offices at Sasolburg, Secunda and Johannesburg was focused on the following:

- 1.Aspects of responsible care and integrated approach for SHE (Safety, Health & Environment).**
- 2.Occupational hygiene.**
- 3. Process Safety Management with emphasis on HAZOP awareness.**
- 4.Material Safety Data Sheets (MSDS).**
- 5.Hazard Identification Risk Assessments (HIRA).**
- 6. Topset accident investigation technique.**

Key issues on Environmental, Waste Management and aspects of process safety, accident investigation were key areas of discussion during the fellowship.

This fellowship is a worthwhile investment

- Has sensitized me to a greater commitment to Safety and Environmental issues.**
- Hope to build on this, benchmark and contribute to best practice in Safety, Health and Environment in my place of employment and Nigeria.**

Part of my Actions include:

- Improved contribution to HSE Plan, Audits and Projects supervision.**
- Make contributions to Training of Staff and Contractors in my Company.**
- Facilitate awareness and application of Safety Management Tools (JHA,**

HAZID, HAZOP) and requisite Procedures.

Results: Improved Safety and Environmental Performance.