Mr. Godfred Ansah Nyarko was hosted in June-July 2007 by Mitsui Chemicals Inc., Japan.

Godfred is a Chemist, an Environmental Auditor and a Health & Safety Practitioner. He has been working with Tema Lube Oil Company Limited (TLOC) at Tema in Ghana since 2003 as their Health, Safety and Environment (HSE) Co-ordinator. He was hosted in June-July 2007 by Mitsui Chemicals Inc., Japan.

TLOC is a private company that manufactures high quality lubricants such as engine oils, hydraulic oils, gear oils and industrial oils under franchise for distribution by the Oil Marketing Companies that operate in Ghana and also for export to markets in the West African sub-region. The Company is also equipped with facilities for manufacturing of 208-litre oily painted steel drum lubricant containers.

Godfred enthusiastically say that the training programme was very useful, and it provided me with new techniques and ideas on topics including:

- Environmental & Safety Management Yearly Plan by T-Type Matrix
- Environmental & Safety Management Audits by Six (6)M Aspects
- Pillars of Safety Management
- Danger Prediction & Finger Pointing Calls
- Accident Pyramid and Prevention of Human Errors,
- Protective Barriers of Accident
- Hazard Evaluation and Process Accident Prevention
- Wastes Management Procedures

At the beginning of his training, Godfred made two commitments:

i. to learnt new items that would be used to strive for continuous improvement in achieving higher standards of Health, Safety and Environmental (HSE) Management System at my workplace.
ii. to acquired knowledge that would be used to help promote Proactive Safety at other Workplaces in Ghana and organize educational seminars for members of chemistry-related professional bodies.

After the IUPAC-UNIDO-UNESCO Safety Training Programme training in 2007, for the past 12 years Godfred has been very active in helping in improving the HSE Management Systems at TLOC, and actively promoting the same in chemical industries, educational institutions and churches in Ghana.

**At TLOC, HSE Activities he helped implementing included:**
- Toolbox Talks, being conducted weekly.
- HSE Meetings, monthly for Departments and quarterly for Management.
- Safety Walks for Sectional Supervisors and Site Visits for Management.
- Potential Incidents Reporting and Award Scheme.
- Formation of Emergency Brigade
- Emergency Simulations/Drills in Fire, Medical Evacuation, Oil Spill and Crisis.
- Contractors’ HSE Clearance after signing off contracts.
- HSE Performance Tracking and Documentation.
- Corporate Annual HSE Training Plan
- ISO 14001 (EMS) and ISO 45001 (OHSMS) Certifications Programmes

**For Chemical Laboratory Staff and Students, he promoted topics such as:**
- Identification of Hazards and Classification of Hazardous Areas
- Flammability
- Gas Cylinders Handling Safety and Chemical Storage Safety
- Eye Safety and Fire Safety
- Personal Protection Equipment
- Chemical Wastes Disposal
- Gases and Volatile Compounds Disposal
- Emergency Procedures
- Toxic or Harmful Substances

**HSE Awareness Trainings were given to Youth and Adults at Churches including:**
- Home Safety and Road Safety
- Chemistry of Fire and Fire Safety
- Safe Use of Gas Cylinder and Fire Extinguishers
- Ergonomics/Back Safety
- Danger Prediction & Finger Pointing Calls

He has delivered several HSE Presentations in Ghana and at IUPAC Committee on Chemistry and Industry (COCI) Safety Training Programme (STP) Workshops as below:
1. “**Health and Safety in the Industry**”, a presentation at the Annual Seminar of the Association of Petrochemical Engineering Students of the Kwame Nkrumah University of Science & Technology in Kumasi, Ghana (February 10, 2017).
2. “**Laboratory Health and Safety Practices**”, a presentation at the 18th Annual General Meeting of the Ghana Chemical Society at the University of Cape Coast, Ghana (August 28, 2015).
3. “**Enhancing Accident Prevention Culture through Proactive Safety Awareness Training**”, a presentation at the IUPAC COCI STP Workshop in Istanbul, Turkey (August 12, 2013).

5. “Building Health, Safety and Environmental Culture - Key to Excellent HSE Performance”, a presentation at the IUPAC COCI STP Workshop in San Juan, Puerto Rico (August 1, 2011).


Godfred’s HSE undertakings through trainings, seminars and workshops in Ghana have yielded excellent and wider HSE Awareness to workers, Senior High School Science Teachers & Laboratory Workers, Contractors, Chemical Scientists, Engineering Students and Church Congregants. These HSE undertakings are being replicated by other organizations in Ghana, thus serving as good practices and proactive steps towards HSE Management System.

Godfred has received numerous awards and recognitions from his work as HSE professional including:

2019: “Certificate of Recognition” from Tema Lube Oil Company Limited, Tema in Ghana for supervision of the Construction of Incident-Free Two Base Oil Tanks (1800MT each) and Accessories.

2017: “Citation” from the Association of Petrochemical Engineering Students of the Kwame Nkrumah University of Science & Technology, Kumasi in Ghana for presentation at its Annual Seminar.

2011: “Best Employee Award (Senior Staff Category)” from Tema Lube Oil Company Limited, Tema, Ghana.

Godfred’s professional objective is to work in a challenging, exciting and growth-oriented organizational in the field of Occupation Health, Safety and Environment with full determination and dedication to achieve organizational and personal goals for good Returns on Equity.

He has acquired the following in-depth professional skills among several others:

- HSE Management System Implementation, Training and Auditing
- Contractors HSE Management
- Documents Development and Control
- Chemical Laboratory HSE Inspection/Audit and Training
- Accident Investigation and Reporting
- Hazards Identification and Risk Management
- Emergency and Crisis Drills Planning and Simulations
- Oil Spill and Solid Wastes Management
- Fire Safety

Godfred is currently pursuing a PhD programme in Nuclear & Environmental Protection at the University of Ghana. He aspires to be a consultant and lecturer in Health, Safety and Environment.