

UGEE CHEMICALS

Ibadan Plant

Occupational Health

OH Exposure and Monitoring Program

OCCUPATIONAL HEALTH AND SAFETY

HAZARDS



PEOPLE

KEEPING THE INTERACTION BETWEEN PEOPLE AND WORKPLACE EQUIPMENT, MATERIAL,
ENVIRONMENTS SAFE AT ALL TIME

OCCUPATIONAL HEALTH FACTS YOU NEED TO KNOW



- Every Operations has its own RISKS and Hazards
- Exposure to any/every Hazards has short and long term impacts on workers
- Average worker is estimated to spend >85% active hours of the day at the workplace. Hence, most diseases and musculoskeletal injuries are link to the workplace before any other source
- Occupational Injury and diseases are not just expensive to manage, but also damaging to Company Reputation

NATIONAL HAZARD CONTROL SYSTEMS AND OCCUPATIONAL HEALTH MEASURES

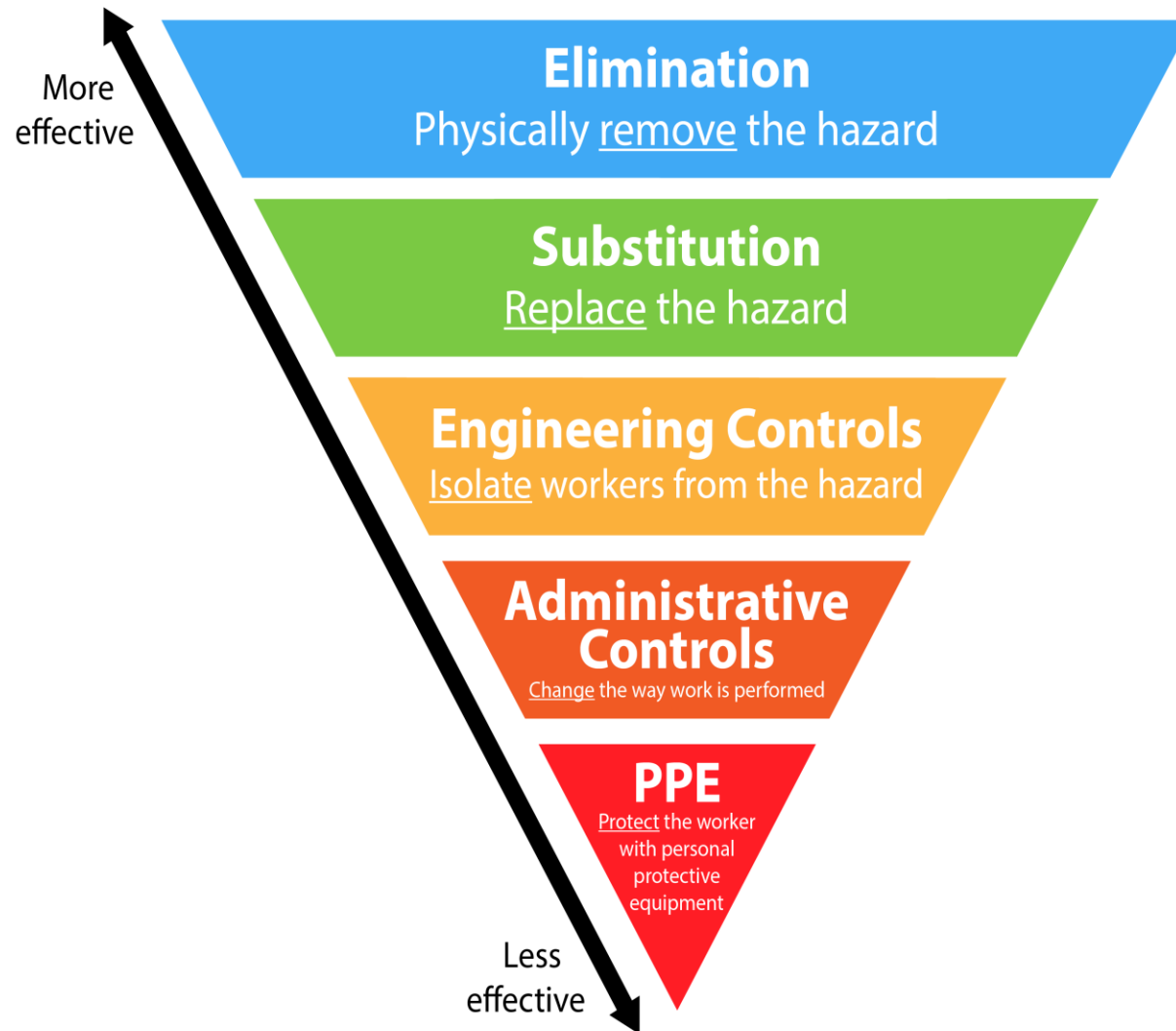


OPERATIONAL HAZARD CONTROL SYSTEMS AND OCCUPATIONAL HEALTH MEASURES

SAFETY MANAGEMENT SYSTEMS

LEADER SAFETY INTERACTIONS
PRE-TASK RISK ASSESSMENTS
MAINTENANCE MANAGEMENT
EQUIPMENT MAINTENANCE
INCIDENT INVESTIGATION
HAZARD REMEDIATION
STOPWORK AUTHORITY
OPERATING PROCEDURES
NEAR MISS REPORTING
RISK MANAGEMENT
HAZARD COMMUNICATION
SAFETY TRAINING
AUDITS
POLICIES

NIOSH's Hierarchy of Controls



SAFETY ADOPTIONS:

- Change Management
- Noise Measurements
- Air Sampling
- Ergonomic studies and interventions
- Trainings
- Risk Assessments
- Administrative Controls
- PPEs



OUR HEALTH AND SAFETY FOCUS



OPERATIONAL HAZARD CONTROL SYSTEMS AND OCCUPATIONAL HEALTH MEASURES

2 Major Operations:

- Making and Packing: Detergent Production
- Warehousing and Shipment: Raw, Pack and Finished Products

Operational Hazards:

- Noise
- Synthetic Enzymes
- Physical Strains (MSDs)
- Mobile Trucks
- Operational Heat Exposure



MEDICAL ROLES IN OCCUPATIONAL HEALTH & SAFETY

Medical Team Plays 2 Key Roles in Employee Health and Safety

- ✓ Medical Surveillance and Monitoring
- ✓ Medical Emergency Management





M41 Audiometry - Receive Audiogram Screen

Audio Test Data Entry COM Port: 1

Audiometer Brand:
Audiometer Model:
Audiometer Serial #:
Technician:
Test Date:
Test Time:

Current Test Values (Double Click to Change)
Company:
Location:
Department:
Change company before location and location before department. Double click on box to change values.

Note:

Left Ear:
Right Ear:
500 4K 2K 3K 4K 6K 8K
55 55 55 55 55 55 55 dB
Checked if Manual Entry
Checked if Manual Entry

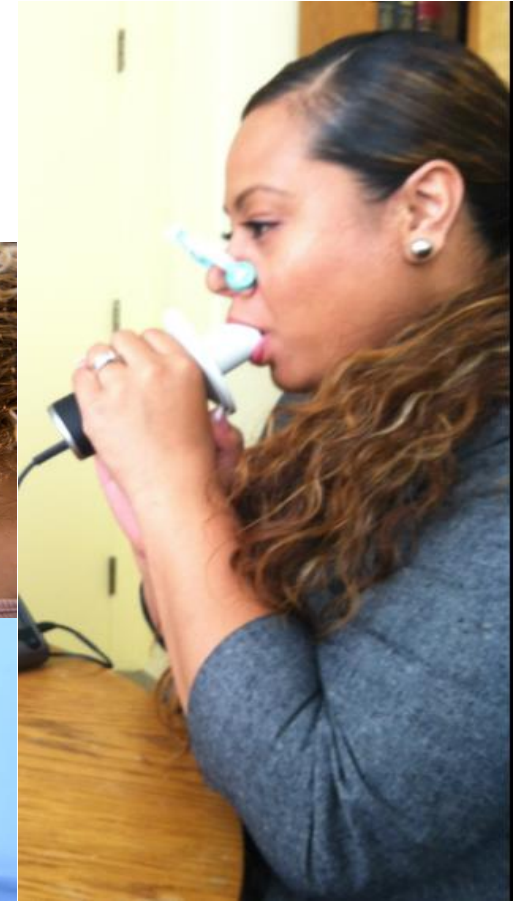
Enter "NT" for not tested, "NR" for no response.

Receive Data Help Cancel Clear Screen Save Exit Manual Entry

Data Received
Client ID: 2991

OCCUPATIONAL HEALTH

Keeping workforces safe and healthy



Operational Hazards:

- Noise
- Powder Dusts/Synthetic Enzymes
- Physical Strains (MSDs)
- Mobile Trucks
- Operational Heat Exposure
- Food Pathogens

Medical Roles:

Hearing Conservation:

- Audiometry Testing
- Otoscopic Examination
- Audiometry Calibration
- Threshold Shift Monitoring and Multi-cause Analysis

Powder Dusts and Enzyme Sensitization:

- Grade 1 Enzyme Sensitization Testing (Skin Prick Testing)
- Pulmonary Function Testing
- Grade 1 Cases Monitoring
- Chest X-Ray

Physical Strains (MSDs)

- Ergonomics Risks Tracking
- Ergonomic Studies and Recommendations

Operational Hazards:

- Noise
- Powder Dusts/Synthetic Enzymes
- Physical Strains (MSDs)
- Mobile Trucks
- Operational Heat Exposure
- Food Pathogens

Medical Roles:

Motorized Material Handlers:

- Audiometry Testing
- Visual Testing

Operational Heat Exposure

- Case Management
- Administrative Controls

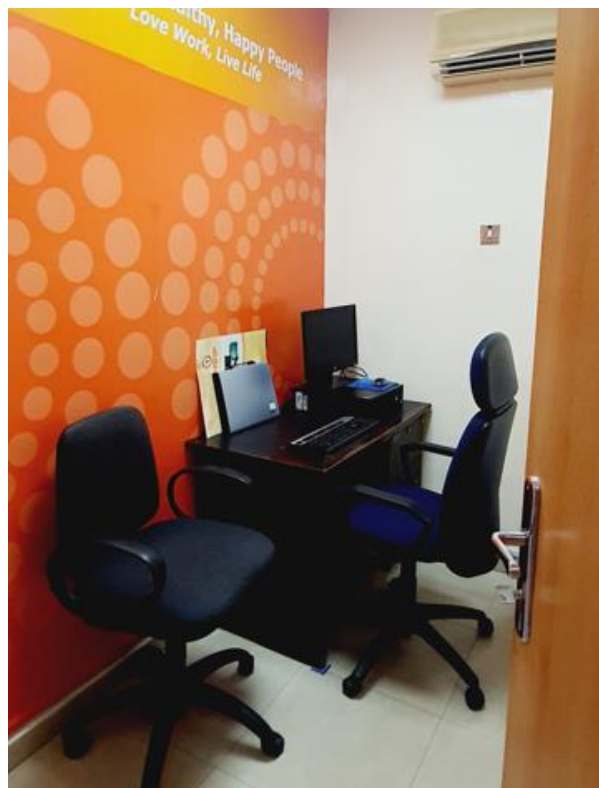
Food Pathogens

- Food Handlers Testing (Hep. A, Sputum, Urine and Stool Screening)
- Case Management and Investigation

MEDICAL MONITORING PLAN

Examination Categories	Role Undefined	WorkShop Workers	Cafeteria	Fork Lift Operator	Respirator User (F&HC)	Noise Exposed Employees (F&HC)	Enzyme Exposed Employees (F&HC)
Physical Examination	Baseline	Baseline	Baseline	Baseline Every 5 year	Baseline	NA	NA
PFT/Questionnaire	NA	NA	NA	NA	Every 5 year	NA	Baseline Annual
Audiometry+AQ	Baseline	Baseline Annually	NA	Baseline Every 5 year	Baseline	Baseline Annual	NA
SPT+Enzyme Questionnaire	NA	NA	NA	Baseline Enzyme Handlers	Every 5 year	NA	Baseline Annual Exit
Chest X Ray	Baseline	Baseline Exit	Baseline 5 Years	Baseline	Baseline	NA	Baseline Exit
ECG	Baseline	Baseline	Baseline	Baseline 5 years	Baseline	NA	NA
Full Blood Investigation	Baseline	Baseline/Annual	Annual	NA	Baseline	NA	NA
Sputum AFB	NA	Baseline/Annual	Annual	NA	NA	NA	NA
Stool & Urine Culture	NA	Baseline/Annual	Annual	NA	NA	NA	NA
Blood Pressure	Baseline	Baseline	Annual	Baseline Biannual	Every 5 year	NA	NA
Vision Test (Including Color Vision)	NA	Baseline Annually	NA	Baseline Every 5 year	Baseline	NA	NA

Onsite Clinic Medical Screening Equipment



Consulting Room



Audiometry Room (OMI)



Spirometry Room (NDD)



**Fire-Proof Cabinets for
Employee Health Records**

MEDICAL FITNESS AND QUALIFICATION

Fitness for Roles:

Done for the Safety of Individual and others

- New Hires
- Emergency Response Team
- Respirator Users
- Confined Space Entrants
- Motorized Vehicle operators
- Food Handlers

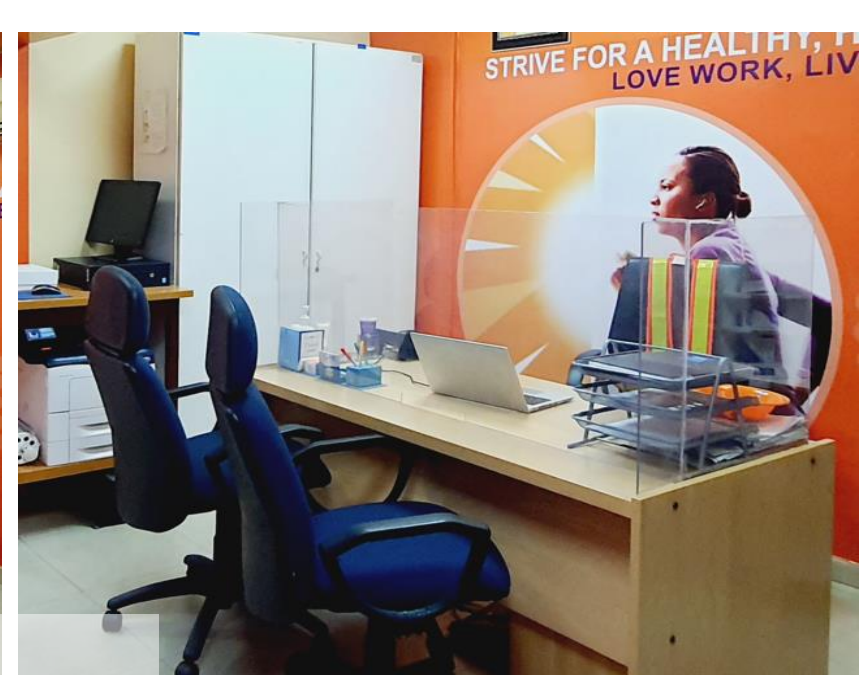
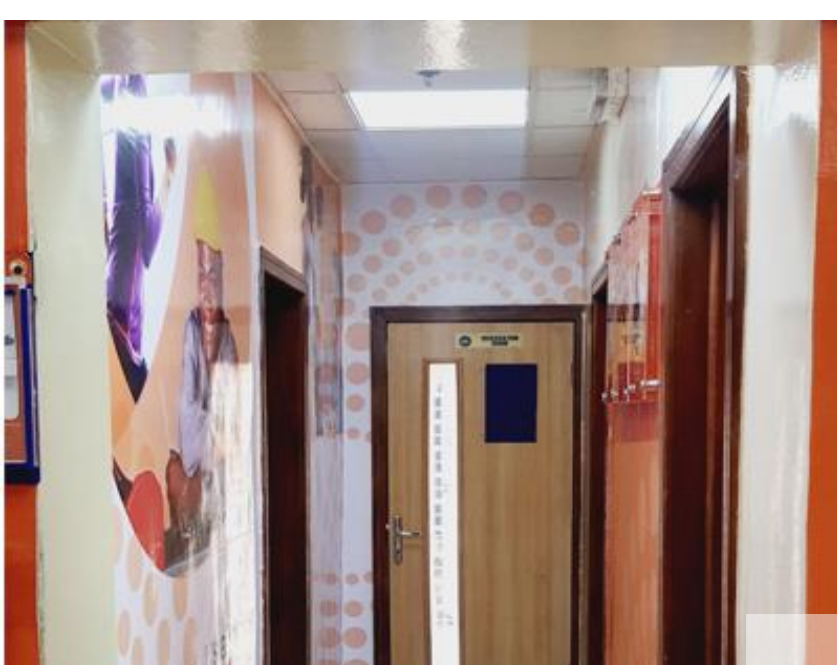


MEDICAL QUALIFICATION PLAN

Examination Categories	Confined Space Worker	Emergency Responders	Fire Fighters	Respirator user (F&HC)	New Hires	Food Handlers	Fork Lift Operator
Physical Examination	Baseline Annual	Baseline Annual	Baseline Annual	Baseline Annual	Baseline	Baseline	Baseline Every 5 year
PFT/Questionnaire	Annual	Annual	NA	Every 5 year	NA	NA	NA
SPT+Enzyme Questionnaire	NA	NA	NA	Annual	NA	NA	Baseline Enzyme Handlers
Chest X Ray	Baseline	Baseline	Baseline After 10 Years Exit	Baseline	Baseline Exit	Baseline After 5 Years After 10 Years	Baseline
ECG	Baseline 5 Years	Baseline 5 Years	Baseline 5 Years	Baseline 3 Years	Baseline	Baseline	Baseline 5 years
Full Blood Investigation	Baseline	Baseline Annual	Baseline/Annual	Baseline	Annual	Annual	NA
Sputum AFB	NA	NA	NA	NA	NA	Annual	NA
Stool & Urine Culture	NA	NA	NA	NA	NA	Annual	NA
Blood Pressure	Baseline Annual	Baseline	Baseline	Baseline Annually	Annual	Annual	Baseline Biannual
Vision Test (Including Color Vision)	NA	Baseline Annually	Baseline Annually	Baseline	NA	NA	Baseline Every 5 year
Audiometry+AQ	Baseline Annual	Baseline Annual	Baseline Annually	Baseline	NA	NA	Baseline Every 5 year

MEDICAL EMERGENCY MANAGEMENT





Onsite Clinic

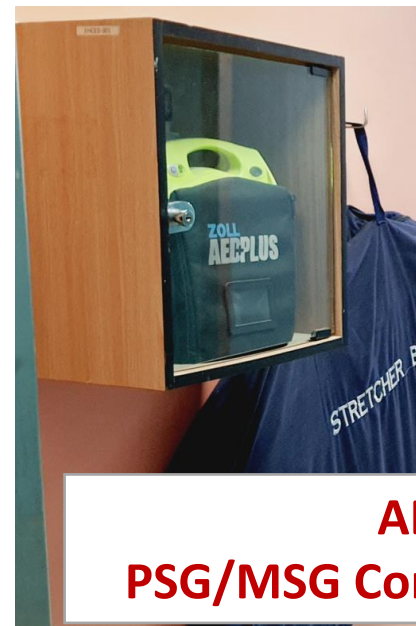




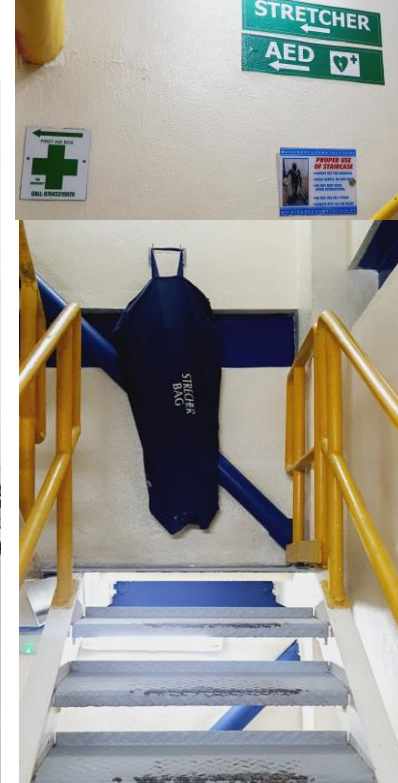
Ambulance Park



Ambulance Interior



**AED 1
PSG/MSG Common Entrance**



**AED 2
Security Gatehouse**



**Stretchers & FA
Boxes**



UGEE RETAINED HOSPITALS

HOSPITAL CONTACT LOG 2022

SN	HOSPITAL NAME	HOSPITAL ADDRESS	HOSPITAL EMAIL ADDRESS	HOSPITAL RECEPTION NO	HOSPITAL AMBULANCE NO	CONTACT PERSONS & PHONE NO
1	ZOE SPECIALIST MISSION HOSPITAL	4, ADEOGUN STREET, OFF ALAAFIN AVENUE, OLUYOLE ESTATE, IBADAN.	zoespecialistmissionhospital@gmail.com	0813-4135-490	0817-260-0121	Ms. Wura - 08163082973 DR OGBEMUDIA - 08092970174
2	THE PIZZAZZ HOSP	Challenge Area, Ibadan		080384459594	080384459594	Mr. Segun - 080384459594 Funmbi - 08162909223
3	MOLLY SPECIALIST HOSPITAL	No 6, American quarters, Agodi Yidi Ibadan.	hmo@mollyspecialisthospital.org mollyspecialisthospital@yahoo.com	0818-886-6559 0807-674-8330	0807-674-8330 0818-886-6559	OLAPADE OLUMUYIWA 0818-886-6559
4	VINE BRANCH MEDICAL CENTER	Mokola Ibadan	vinebranchmedicalcentre1@gmail.com	0810-181-8815	0810-181-8815	Mr. Dairo - 08062274423 Mr Onabanjo O.Olaniyi - 08065461809 - valeo4life@yahoo.com



THANK YOU



UGEE CHEMICALS
Limited

