



Bringing Scientific and Technical resources to the African Continent (NITA/TRN/875)

CHEMICAL LABORATORY SAFETY & WASTE MANAGEMENT TRAINING

Day 1 5th July 2023	
Registration & Introduction	8.00am -9.00am
<ul style="list-style-type: none"> • Introduction to Laboratory Safety • Why? • Know your Surrounding • Overview of Laboratory Risk Management according to ISO/IEC 17025/2017 	9.30am -10.30am
Tea Break	10.30am -11.00am
<ul style="list-style-type: none"> • Hazardous Substances and Classification • Chemical hazards • Biohazards • Occupational Exposure to Hazardous Chemicals in Laboratories; • Hazard Communication 	11.00am -1.00pm
Lunch Break	1.00pm -2.00pm
<ul style="list-style-type: none"> • Safety Plan in Laboratory system • Lab safety according to WHO? • Lab Safety personal habits • Lab safety Safe Practices 	2.00pm-4.30pm
DAY 2 6th July 2023	
<ul style="list-style-type: none"> • Laboratory Information & Emergency action plan (EAP) • Developing SOPs for Laboratory safety 	9.00am -10.30am
<ul style="list-style-type: none"> • MSDS • Signs and Labelling 	10.30am -11.00am
<ul style="list-style-type: none"> • Personal Protective Equipment's (PPE) • Lab attire • Compressed Gas Safety • Sharp objects • Sharp- Safe practices 	11.00am-1.00pm
LUNCH BREAK	1.00pm-2.00pm
Practices and Techniques <ul style="list-style-type: none"> • Equipment's transfer and SOPS. • Laboratory Management System for equipment transfer • Ventilation Requirements for Laboratory-Type Hood Operations; • Equipment's station transfer safety procedures 	2.00pm-4.30pm



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DAY 3 7th July 2023		
<ul style="list-style-type: none"> • Safety Equipment's • Primary Barriers 		8.00am -9.30am
<ul style="list-style-type: none"> • Secondary Barriers • Decontamination • Spills and Accidents 		9.30am -10.30am
<ul style="list-style-type: none"> • Injury and Illness Prevention Program; • Fire Prevention Plan • How to report 		
Tea Break		10.30am -11.00am
<ul style="list-style-type: none"> • Laboratory Waste Management 		11.00am -1.00 pm
<ul style="list-style-type: none"> • Waste Classification and segregations • Lab waste handling and Storage • Waste pretreatments 		
Lunch Break		1.00pm -2.00pm
<ul style="list-style-type: none"> • Waste Management plan 		2.00pm-4.30pm.
<ul style="list-style-type: none"> • Disposal of Lab waste • Incinerations • Dilutions • Dos and Don'ts in Labs waste Disposal 		
<ul style="list-style-type: none"> • Discussions and Case studies 		
<ul style="list-style-type: none"> • Wrap up –Quiz on Laboratory safety 		
REGISTRATION FORM	Cost	Venue
5th – 7th July 2023 Deadline 20th June 2023	Ksh. 45,200.00 USD 500.00 (Vat Inclusive) (Per Person)	WILD LIFE INSTITUTE- NAIVASHA