



**Bringing Scientific & Technical  
Resources to the African Continent**

## **Chrom Africa Instrumentation Services Limited**

Buruburu Business Complex Suite No.26, Mumias South Road,  
Nairobi. P.O Box 4963-00100, Nairobi, Kenya.

### **LABORATORY CHEMICAL WASTE MANAGEMENT PRACTICES (3 DAYS)** **17<sup>th</sup> – 19<sup>th</sup> APRIL 2024**

<b>DAY 1 (17<sup>th</sup> April 2024)</b>	
<b>8.30 -9.30</b>	<ul style="list-style-type: none"> <li>• Introduction.</li> <li>• Introduction to Laboratory Safety.</li> <li>• Know your Surrounding</li> </ul>
<b>9.30-10.30</b>	<ul style="list-style-type: none"> <li>• Overview of Laboratory Risk Management according to ISO/IEC 17025/2017.</li> </ul>
<b>10.30 – 11.00</b>	<b>Tea break</b>
<b>11.00-13.00</b>	<ul style="list-style-type: none"> <li>• Hazardous Substances and Classification</li> <li>• Chemical hazards</li> <li>• Biohazard</li> <li>• Occupational Exposure to Hazardous Chemicals in Laboratories.</li> <li>• Hazard Communication.</li> </ul>
<b>13.00- 14.00</b>	<b>Lunch break</b>
<b>14.00 – 16.30</b>	<ul style="list-style-type: none"> <li>• Safety Plan in Laboratory system.</li> <li>• Lab safety according to WHO?</li> <li>• Lab Safety personal habits.</li> <li>• Lab safety Safe Practices.</li> </ul>
<b>Day 2 (18<sup>th</sup> April 2024)</b>	
<b>9.00 – 10.30</b>	<ul style="list-style-type: none"> <li>• Laboratory Information&amp; Emergency action plan(EAP).</li> <li>• Developing SOPs for Laboratory safety.</li> <li>• MSDS</li> <li>• Signs and Labeling</li> </ul>
<b>10.30 – 11.00</b>	<b>Tea Break</b>
<b>11.00 – 13.00</b>	<ul style="list-style-type: none"> <li>• Personal Protective Equipment's (PPE)</li> <li>• Lab attire</li> <li>• Compressed Gas Safety</li> <li>• Sharp objects</li> <li>• Sharp- Safe practices</li> </ul>
<b>13.00 – 14.00</b>	<b>Lunch Break</b>
<b>14.00-16.30</b>	Practices and Techniques <ul style="list-style-type: none"> <li>• Equipment's transfer and SOPS.</li> <li>• Laboratory Management System for equipment transfer</li> <li>• Ventilation Requirements for Laboratory-Type Hood Operations.</li> <li>• Equipment's station transfer safety procedures</li> </ul>
<b>DAY 3 (10<sup>th</sup> May 2024)</b>	

<b>09.00 – 10.30</b>	<ul style="list-style-type: none"> <li>• Safety Equipment's</li> <li>• Primary Barriers</li> <li>• Secondary Barriers</li> <li>• Decontamination</li> <li>• Spills and Accidents</li> <li>• Injury and Illness Prevention Program</li> <li>• Fire Prevention Plan</li> <li>• How to report</li> </ul>	
<b>10.30 – 11.00</b>	<b><i>Tea break</i></b>	
<b>11.00 – 13.00</b>	<ul style="list-style-type: none"> <li>• Laboratory waste management</li> <li>• Waste Classification and segregation</li> <li>• Lab waste handling and Storage</li> <li>• Waste presentments</li> </ul>	
<b>13.00 – 14.00</b>	<b><i>Lunch Break</i></b>	
<b>14.00 – 15.30</b>	<ul style="list-style-type: none"> <li>• Waste Management plan</li> <li>• Disposal of Lab waste</li> <li>• Incineration</li> <li>• Dilutions</li> <li>• Dos and Don'ts in Labs waste disposal</li> <li>• Discussions and Case studies</li> <li>• Wrap up –Quiz on Laboratory safety.</li> </ul>	
<b>15.30 – 16.00</b>	Directors remarks and issue of certificates	
<b>Date</b>	<b>Cost</b>	<b>Venue</b>
<b>17<sup>th</sup> – 19<sup>th</sup> April 2024</b>  <b>Reg: Deadline 8<sup>th</sup> April 2024</b>	<b>Ksh 63,800.00 or USD 638.00</b>	<b>WILDLIFE RESEARCH &amp; TRAINING INSTITUTE - NAIVASHA</b>