



Burn Awareness – Fire Safety Training with NDMU Kenya Scouts Aug 25th

Overview: Salama Stove worked with the Natural Disaster Management Unit (NDMU) on a training on Burn Awareness and Fire Safety on Aug 25th 2016 at the Rowallan Scouts Camp, Nairobi during the Inter Patrol Scouts Competition. NDMU gave the training on Fire Safety and Burns while Salama Stove talked about how these burns and fires can be prevented through a safer cooking technology like the Salama Stove.

Over **800** Scouts attended these trainings throughout the day. The following topics were discussed:

NDMU discussed Fire Safety and Burn Awareness:

1. The fire Tetrahedron (Triangle) – The chemical chain reaction between – Heat – Oxygen – and Fuel
2. Fire Science and the different type of fuels - **Liquid** – Grease, Oil, Kerosene
Solid -Wood, paper, metal
Gas – Natural Gas, LPG
3. The different classes of fires – Type A is ordinary combustibles like wood, paper, cloth
Type B is flammable liquids such as oil and grease
Type C is from electrical equipment
4. Fire Inspections – What to look for in your surroundings so you can be prepared with an evacuation plan. How to create an evacuation plan. For example, where are the exits?
5. How to operate a fire extinguisher and their rating systems
6. If you catch on fire how to prevent yourself from being burnt – **Stop, Drop and Roll**
7. Type of burns and how to treat them with some basic first aid. For example, when you are burned the type of cloth and ointment to use to treat the burn.

Salama Stove Discussed the following:

1. How prevention is the cure. By using a stove like the Salama Stove you will protect your family from burns, smoke, and will save you wood. Discussed the mission of the project and how Dr. Stice created this project to combat burns.
2. Effects of using wood and charcoal burning stoves in unventilated room. How the long term effects of inhaling particulate matter causes respiratory disease including COPD. Also breathing of Carbon Monoxide (CO) can lead to fainting and falling on the stove (3 stone fire) leading to severe burns before regaining consciences. The Salama Stove has a chimney so the family is protected from these effects.
3. During the presentation we showed the different type of burns. One photo was a burn from a three stone fire when the child tripped and fell into it and burned his

hand severely. The other photo was from boiling water that splashed on the child's leg after she knocked over a pot of boiling water from a charcoal stove.

4. We discussed how to avoid burns at home. For example, if you smell LPG in your house and what to do next if this happens.
5. How to contact Salama Stove if their community was interested in buying one.

Salama Stove also had a booth with other partner organizations (Kenya Power, One to One, SEMA, and Digital Opportunity Trust) this was another great opportunity for networking with likeminded organizations that are making a difference in communities across Kenya. At the booth Salama Stove was able to showcase the stove and let the Scouts and other interested parties actually see the product and ask questions about it. Over the two-day period we had over **1,000** Scouts come to our booth.