**Branch Outbreak Response Team: Chlorine solution materials, applications and preparation**

Audience: Branch staff and senior volunteers.

Session Length: 2h

Overall purpose: To understand the safe handling, preparation and use of chlorine in responding to cholera outbreaks.

Objectives: By the end of the session participants will understand:

1. Material handling / Health and Safety / Storage
2. Products / materials for Chlorine solution production
3. Devices to produce chlorine from saline
4. Mixing solutions for water disinfection
5. Solution Preparation, Concentrations, Testing (Free Residual Cl, NTU and pH)
6. Practical: Use of GTFCC App

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| **Time** | **Session and facilitator notes** | **Resources needed** |
| 5 min | Introduction and Objectives (as above) | PPT |
| 60 minShape  Description automatically generated | Presentation covering main objectives | PPT |
| 30 min | Practical – questions and use of GTFCC app | PPT  Paper, pens  Mobile phones with GTFCC app |
| 15 min | Discussion on any difficulties with topics during the day |  |