# Endline
# Quality Control Technician
# Laboratory Reporting
# Form

## March 2017

The quality control technicians (supervisors) use the Laboratory Kato-Katz Quality Control Reporting Form to record the results of the 10% QC readings they perform.

The form is intended to be used alongside the Laboratory Kato-Katz Reporting form, is virtually the same structurally, and the data from both forms can be merged for a comparison of the results of the original readings by the laboratory technicians with the results of the quality control technician.

The form was designed by members of the TUMIKIA Project team and programmed by Dr William Oswald and Stefan Witek-McManus.

Please contact Dr William Oswald (william.oswald@lshtm.ac.uk) if you have any questions about the Laboratory Forms.

# TUMIKIA Endline QC Technician Laboratory Reporting Form

| Field | Question | Answer | |
|---|---|---|---|
| note_intro | TUMIKIA Endline QC Technician Kato-Katz Sample Reporting Form | | |
| tech *(required)* | Select your name from the list. | **tech_id** | **tech_name** |
| | | 88 | Enumerator not listed |
| tech_oth *(required)* | Please enter your name.<br>*Question relevant when: ${tech} =88* | | |
| note1 | You will now be prompted to "Add another "Slides" group?"<br><br>Select "Add group" to start entering the information for the first slide. After entering the information for each slide, you will be prompted like this. Select "Add group" to enter a new slide, or "Do not add" to finish entering slides.<br><br>If you select "Add group" by accident, check with your supervisor about how to delete this record. | | |
| Slides (1) | | *(Repeated group)* | |
| barcode_scan | Scan the sticker on the slide.<br>*Scan the slide sticker even if the slide was not prepared.*<br>*Response constrained to: string-length (.)=7* | | |
| barcode_manual1 *(required)* | Manually enter the FIRST three numbers on the sticker if you are unable to scan the sticker.<br>*Question relevant when: ${barcode_scan} =""*<br>*Response constrained to: (.>=101 and .<=114) or (.>=116 and .<=132) or (.>=201 and .<=230) or (.>=301 and . <=328) or (.>=401 and .<=441)* | | |
| barcode_manual2 *(required)* | Manually enter the LAST three numbers on the sticker if you are unable to scan the sticker.<br>*Question relevant when: ${barcode_scan} =""*<br>*Response constrained to: .>0 and .<=600 and (string-length (.)=3)* | | |
| barcode_manual3 *(required)* | Manually enter the letter on the sticker if you are unable to scan the sticker.<br>*Question relevant when: ${barcode_scan} =""*<br>*Response constrained to: .="A" or .="B"* | | |
| barcode_check *(required)* | The barcode you entered is [barcode_manual]<br>*Question relevant when: ${barcode_manual1} !="" and ${barcode_manual2} !="" and ${barcode_manual3} !=""*<br>*Response constrained to: .=1* | 1 | Yes |
| | | 0 | No |
| note_dupchk *(required)* | You have already entered slide [barcode]<br>*Question relevant when: ${dupchk} =0* | | |
| read *(required)* | Can you read the slide? | 1 | Yes |
| | | 0 | No |
| read_whynot *(required)* | Why can't you read the slide?<br>*Question relevant when: ${read} =0* | 3 | No stool to prepare slide |
| | | 1 | Insufficient stool to prepare slide |
| | | 2 | Too dark |
| | | 88 | Other |
| read_whynot_ot *(required)* | Please specify why you cannot read the slide.<br>*Question relevant when: ${read_whynot} =88* | | |
| Slides (1) > STH counts | | | |
| *Group relevant when: ${read} =1* | | | |
| hk_ct *(required)* | Enter hookworm count<br>*Response constrained to: (.>=0 and .<=9999) or .=-99* | | |
| as_ct *(required)* | Enter Ascaris count<br>*Response constrained to: (.>=0 and .<=9999) or .=-99* | | |
| tr_ct *(required)* | Enter Trichuris count<br>*Response constrained to: (.>=0 and .<=9999) or .=-99* | | |
| othspec *(required)* | Put a check next to the other species that you are counting.<br>*Question relevant when: ${read} =1*<br>*Response constrained to: (selected(., '99') and not(selected(., '1')) and not(selected(., '2')) and not(selected(., '3')) and not(selected(., '4')) and not(selected(., '5')) and not(selected(., '6')) and not(selected(., '88'))) or (not(selected(., '99')) and (selected(., '1') or selected(., '2') or selected(., '3') or selected(., '4') or selected(., '5') or selected(., '6') or selected(., '88')))* | 99 | No other species |
| | | 1 | E. vermicularis |
| | | 2 | Taenia spp |
| | | 3 | H. nana |
| | | 4 | H. diminuta |
| | | 5 | S. haematobium |
| | | 6 | S. mansoni |
| | | 88 | Other |
| othspec_oth *(required)* | Please specify the other species<br>*Question relevant when: selected( ${othspec} ,'88')* | | |
| Slides (1) > Other species | | | |
| *Group relevant when: ${read} =1* | | | |
| Everm_ct *(required)* | Enter E. vermicularis count<br>*Question relevant when: selected( ${othspec} ,1)*<br>*Response constrained to: (.>=0 and .<=9999) or .=-99* | | |
| Taens_ct *(required)* | Enter Taenia spp count<br>*Question relevant when: selected( ${othspec} ,2)*<br>*Response constrained to: (.>=0 and .<=9999) or .=-99* | | |

| Field | Question | Answer |
|---|---|---|
| Hnana_ct *(required)* | Enter H. nana count<br>*Question relevant when: selected( ${othspec} ,3)*<br>*Response constrained to: (.>=0 and .<=9999) or .=-99* | |
| Hdimi_ct *(required)* | Enter H. diminuta count<br>*Question relevant when: selected( ${othspec} ,4)*<br>*Response constrained to: (.>=0 and .<=9999) or .=-99* | |
| Shaem_ct *(required)* | Enter S. haematobium count<br>*Question relevant when: selected( ${othspec} ,5)*<br>*Response constrained to: (.>=0 and .<=9999) or .=-99* | |
| Smans_ct *(required)* | Enter S. mansoni count<br>*Question relevant when: selected( ${othspec} ,6)*<br>*Response constrained to: (.>=0 and .<=9999) or .=-99* | |
| Other_ct *(required)* | Enter [othspec_oth] count<br>*Question relevant when: selected( ${othspec} ,88)*<br>*Response constrained to: (.>=0 and .<=9999) or .=-99* | |
| notes | Any other notes on the slide? | |
| note_warning | Please remember to save the form and/or finalise the form occasionally to avoid losing data.<br>*Select "Do not add" when prompted to add another record to save and/or finalise the form.*<br>*Question relevant when: ${warning} =1* | |
| note_final | You have finished entering slides for this batch. Please make sure the box by "Mark form as finalized" is checked then save the form and exit. | |

This form was created by the London Applied & Spatial Epidemiology Research Group (LASER) based at the London School of Hygiene and Tropical Medicine as part of the TUMIKIA research project. TUMIKIA sought to determine whether combining school and community based deworming is more effective at controlling and eliminating soil transmitted helminths in Kenya than school based deworming alone, and what frequency of deworming is required to stop transmission. This research was a collaboration between LASER, Kenya Medical Research Institute and Kenya's Ministry of Health and Ministry of Education, Science & Technology.

For TUMIKIA research findings visit www.lshtm.ac.uk/LASER

LASER combines expertise in the fields of spatial statistics and GIS technology, quantitative epidemiology and operational research to build the evidence-base around diseases of poverty and the communities they affect.

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