

**Key Control Data Sheet**

Procedure Number: RSK-PRO-KCD-115

Scope of Application: Ok Tedi Mining Limited

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Document Owner: Manager – OHS & Training

**Why is the Control Important** – Infectious diseases are disorders caused by organisms such as bacteria, viruses, fungi or parasites (land and air-based organisms). Many organisms live in and on our bodies. Some infectious diseases can be passed from person to person; some are transmitted by bites from insects or animals and may present significant potential hazards to people ́s health.

Where there are clearly identified hazards related to insects or animals, measures are established to either eliminate the natural habitat on site or take actions to control them.

Vaccination program, awareness of local health risks and prevention strategies are keys to avoid or minimize any infectious disease propagation that may lead to death if not treated in a timely manner.

Examples of hazards may include (depending on location):

* Mosquitos: Malaria, Dengue Fever, Ross River Fever, Yellow Fever
* Bats: Lasa Fever (similar to rabies), Cyptococcosis, Histoplasmosis
* Birds: Psittacosis, Bird Lice
* Dogs: Rabies
* Rats/Fleas/Ticks: Typhus

**Exemption** – No exemptions permitted.

**Operational Requirements**

## Performance Metrics

|  |  |
| --- | --- |
| Awareness of Local Health Risks and prevention strategies are communicated to all personnel.  | Vaccination program is in place for all personnel. Records are kept in the Employee Personal Health Record.  |
| Travel Advisory and Contingency Plans are defined and communicated to all employees when an infectious disease affects a region/country (e.g. Ebola) Notifications are posted at internal communications sites.  | Foreign travelers investigate biological hazards for countries being visited, associated precautions and get required inoculations and / or medications.  |
| Foreign travelers are provided with a list of recommended medical facilities and a letter of introduction for medical services.  | Clean water sources including bottled water are provided. Non-drinking water is identified/ labelled.  |
| PPE / Mosquito nets / Insect repellents are present as part of the Infectious Transmittable Disease Prevention Program.  | Pest / Vector control programs including treatment of open water sources which may become a breeding ground for mosquitos in malaria/ dengue affected areas is in place and is carried out according to the established program. Dates are recorded.  |

## Utilisation

Where there are actual or potential sources an infection disease arising from bites from animals, insects or vermin on site and water borne or air borne organisms.

## Safety Critical Defeat Requirements

No defeats permitted.

## Testing & Verification

Open areas must be checked before a task needs to be carried out to verify the presence of animals (e.g. dogs, rats, bats).

Supervisor on a monthly basis verifies that “Not Safe to Drink” signs are posted at all none potable water faucets (where applicable).

## Maintenance

Screens, roofs, fencing are inspected and maintained to ensure its integrity every six months and, this is included in the preventive planned maintenance.

First aid kit materials are inspected to identify and replace any medications or materials that have expired or need to be replenished.

## Training & Competency

Competency based training for personnel including:

* First Aid.
* Specific hazards related to transmittable disease and prevention controls.
* Malaria awareness & prevention training.
* Dangerous animal recognition program to all employees.
* Local water borne pathogens (disease causing organisms) and treatment requirements.

**Task Requirements**

The following are the key day to day requirements operators/maintainers and supervisors must follow to ensure the control is being used correctly.

## Task Requirements

|  |  |  |
| --- | --- | --- |
| No. | Supervisor | Operator/Maintainer |
| 1 | Verify the pest / vector control programs are being followed according to the established program. | Verify the working area before commencing the task for presence of animals or damage to area controls (e.g. nets or fences) and report any issues to Supervisor. . |
| 2 | Verify all nets on doors and windows are in place and perimeter fencing is in good conditions, if the hazard arises from the presence of animals (e.g. dogs). | Drink only potable or bottled water.  |
| 3 | Verify screening or treatment of open water sources which may become a breeding ground for mosquitos in malaria/ dengue affected areas.  | Wear task specific PPE related to infectious diseases.  |
| 4 | Confirm all employees are vaccinated according to the type of hazard present in the area (e.g. Yellow Fever or Dengue).  | Report any contact with infectious animals/ insects as soon as it occurs.  |
| 5 | Provide bottled water if potable water is not available.  | Use insect repellent at the beginning of the shift and reapply as recommended.  |
| 6 | Verify adequate PPE is available and is worn by employees.  |  |
| 7 | Provide insect repellent to all employees.  |  |

## Skills Requirements

No additional requirement.

## Permits

Not applicable.

## Task Specific PPE Requirements

No additional requirement.

## Special Task Related Tooling

No additional requirement.

**Design Requirements**

## Design Standard

Centers for Disease Control and Prevention website www.cdc.gov

##  Safety Parameters

Not applicable.

## Design Life

Not applicable.

## Safe Separation

Not applicable.

## Special Requirements

No additional requirements.