



## KOMATI POWER STATION

Doc No: SAF35KPS

Rev No: 4

Page 1 of 2

Document Type:

FORM

### PROJECT BASED RISK ASSESSMENT

DATE: 2024/03/06

DEPARTMENT: OPS SUPPORT

Project Scope: Provision of Rehabilitation and Cleaning of Environmental Spillages in and around Komati Power station

| Hazard (potential)               | Risk (outcome)  | Existing control measures   | Consq | Likelihood | Rating |
|----------------------------------|---|---|-------|------------|--------|
| Dust(Fly ash)                    | Chronic Obstructive pulmonary diseases-<br>Pneumoconiosis; Silicosis  | Dust Suppression, Induction   | 4     | B          | III    |
|                                  | Contact skin irritant-skin contact dermatitis   | Dust suppression; Induction   | 3     | B          | III    |
| Uneven Surfaces                  | Falls that will result in injuries such sprains<br>ankle, torn ligaments                                    | Be aware of the surroundings, Follow cell phone usage procedure-<br>do not walk while using cell phone  | 3     | B          | III    |
| Live Electricity                 | Electrocution that could result in fatality.  | Permit to work system, Induction, earth leakage test, CoC   | 5     | B          | III    |
| Dark/Low light<br>areas          | Slips, trips and knocking against structures<br>because of poor visibility that will result in<br>injuries. | Planned maintenance schedule for lighting strategy in place;<br>Special/Temporary lighting is provided. | 3     | B          | III    |
| Snakes, Bees and<br>wasp         | Fatality  | Induction<br>Emergency preparedness<br>Snake catchers   | 5     | B          | III    |
| Working Near<br>to/on deep water | Drowning which can lead to fatality   | Access restriction<br>Induction<br>Emergency Rescue equipment   | 5     | B          | II     |
| Moving Vehicles                  | Fatality  | Use of designated pedestrian crossing and walkways. Induction   | 5     | B          | II     |



**KOMATI POWER STATION**

Doc No: SAF35KPS


Rev No: 4

Page 2 of 7

Document Type:

FORM

Compiled by: Cebisile Zulu

Signature: 

Date: 2024/03/06

Approved By: Vincent Makhubedu

Signature: 

Date: 2024/03/06