PIONEER INSURANCE

## Follow the instructions bellow to complete this form:

1. Open this form with *AdobeAcrobat.*
2. Carefully fill in the form by clicking on the provided fields.
3. Don't input incorrect information, ask for assistance if you're uncertain.

**For appending of signature;**

4. Click on the signature field
5. Click *Configure New Digital ID*
6. Click *Create a new Digital ID* then click *Continue*
7. Click *Save to File* then click *Continue*
8. Save the form every time a digital signature is added.
9. Once you've completed the form, save and email or whatsApp it and the associated documents

Please attach the following documents after completing the form:

Need assistance?

Call or email us for quick assistance.

Mobile:

Email:

# PIONEER GENERAL INSURANCE CO. LTD.

## PROPOSAL FORM FOR MACHINERY INSURANCE

M-PESA Paybill
Business No: **100500**

PIONEER GENERAL
Your Security For The Future

**Account No.** _____ **Policy No.** _____

Agency / Broker: _____

Period of Insurance: From: _____ To: _____

## SECTION 1: BUSINESS DETAILS

a. Full Name of Proposer: _____

b. Contact Details: (tel): _____ (fax): _____

(mobile): _____ (web): _____

(email): _____

(postal): _____ (code): _____ (town/city): _____

c. Proposer PIN Number: _____

d. Nature of Business: _____

e. Nearest railway station / airport: _____

## SECTION 2: PROPOSAL DETAILS

1. Has any of the machinery to be insured previously been covered by other companies? Yes: ☐ No: ☐
   If so, which items of the specification and what companies?
   _____
   _____

2. Do you wish to insure the foundation of the machinery? Yes: ☐ No: ☐
   If so, state the relevant items of the specification.
   _____
   _____

3. Does the specification include all the machinery coverable under a Machinery Policy? Yes: ☐ No: ☐
   If Not, does the machinery to be insured represent all the machinery coverable in one plant section? Yes: ☐ No: ☐

4. Do you wish the cover to include extra charges (in case of loss) for:
   - Express freight, overnight, night work, work on public holidays? Yes: ☐ No: ☐
   - Air freight? Yes: ☐ No: ☐
     Limit of air freight _____

5. Give details of any special extension of cover required;
   _____
   _____

**DECLARATION**:

I/We hereby declare that all the statements and particulars entered in this Proposal are true and that I/we have not withheld any material information whatsoever regarding the proposal. I/we further declare that the amounts proposed for insurance represent the full value of the property described. I/we agree that this Declaration shall form the basis of the contract between Me/Us and the Insurer and I/We agree to abide by the terms and conditions of the Policy to be issued.

Executed at: _____ Signature of Proposer: _____ Date: _____

# Additional questionnaire for Machinery Insurance of Hydro-electrical Power Stations

**(No. _____)**

(Only to be completed with Questionnaire for Machinery Insurance)

## 1: General Technical Data

| | | | |
|---|---|---|---|
| Water Head | m | Annual Maximum | $m^3/S$ |
| Water Flow: Annual average | $m^3/S$ | | |
| Number of Units | | Number of penstocks | |
| Is it a pumped-storage plant? | Yes: ☐ No: ☐ | | |

## 2: Turbine (Unit No. _____)

| | | | | |
|---|---|---|---|---|
| 2.1 Life History | Manufacturer | | | |
| | Year of Manufacture | | Operating Hours | |
| | Total | | Per Year | |
| | Date of Last Overhaul (Attach Report) | | | |
| Previous Damage | Yes: ☐ No: ☐ | If so, state Date, type of damage, repair work, measures taken, to avoid similar damage in future. | | |
| | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 2.2 Specifications | Type | ☐ Francis | ☐ Kaplan | ☐ Pelton | | |
| | | ☐ Other | | | | |
| | Shaft | ☐ Vertical | ☐ Horizontal | ☐ Other | | |
| | Capacity | MW | | Speed | rpm | |
| | Nominal Discharge | $m^3S$ | | | | |
| | If the power plant is a pumped storage plant | ☐ Pump turbine set or | ☐ Reversible Turbine | | | |

| | | | |
|---|---|---|---|
| 2.3 Protection and safety devices | Fail safe governor drive mechanism | Yes: ☐ | No: ☐ |
| | If so, give description | | |
| | Is there an alternative to stop the water flow to penstock and turbine in the event of failure of penstock, turbine or guide vane apparatus? | Yes: ☐ | No: ☐ |
| | Overspeed ☐ Alarm at % overspeed ☐ trip at % overspeed | | |
| | Automatic shutdown of the turbine upon high bearing oil temperature | Yes: ☐ | No: ☐ |
| | Abnormal flow rates of lubrication, cooling or sealing fluids or gases | Yes: ☐ | No: ☐ |
| | The breakng of a guide van shear pin | Yes: ☐ | No: ☐ |
| | High shaft deflection / vibration | Yes: ☐ | No: ☐ |
| | Others (give description) | | |
| | Additional devices for unattended stations | | |
| | Automatic flow control | Yes: ☐ | No: ☐ |

## 3: Generator (Unit No. )

| | | | | |
|---|---|---|---|---|
| 3.1 Life History | Manufacturer | | | |
| | Year of Manufacture | | Operating Hours | |
| | Total | | Per Year | |
| | Date of Last Overhaul (Attach Report) | | | |
| Previous Damage | Yes: ☐ No: ☐ | If so, state Date, type of damage, repair work, measures taken, to avoid similar damage in future. | | |
| | | | | |

| 3.2 Specifications | Capacity | kVA | Speed | Rpm |
|---|---|---|---|---|
| | Voltage | kV | Current | A |
| | Power factor | (cos p) | Frequency | Hz |
| | Voltage | V | Current | A |
| Exciter | AC exciter | | Thyristors | |
| Type | Rotating Diodes | | Others | |

| 3.3 Protection and safety devices | Automatic synchronizing devices | Yes: | No: | |
|---|---|---|---|---|
| | Overvoltage Protection | Alarm | trip | No |
| | Overcurrent protection | Alarm | trip | No |
| | Stator winding temperature | Alarm | trip | No |
| | Single phased and unbalanced load | Alarm | trip | No |
| | Different current | Alarm | trip | No |
| | Loss of synchroniam | Alarm | trip | No |
| | Loss of excitation | Alarm | trip | No |
| | Winding short circuit | Alarm | trip | No |
| | Earth fault rotor | Alarm | trip | No |
| | Earth fault stator | Alarm | trip | No |
| | Reverse power | Alarm | trip | No |
| | Synchronous capacitor operation | Yes: | No: | |
| | | | | |

## 4: Transformer (Unit No. _____)

| 4.1 Life History | Manufacturer | | |
|---|---|---|---|
| | Year of Manufacture | | |
| | Date of Last Overhaul (Attach Report) | | |
| | Oil : | Winding insulation : | |
| Previous Damage | Yes: No: | If so, state Date, type of damage, repair work, measures taken, to avoid similar damage in future. | |
| | | | |

| 4.2 Specifications | Type | | Single Phase | three phase |
|---|---|---|---|---|
| | Location | | Indoor | outdoor |
| | Capacity | MVA | | |
| | Voltage | | Primary kV | Secondary kV |
| Rated Short-Circuit Voltage | % | | Rated Current | kV |
| Load tap Changers | Yes: | No: | | |
| | If So, describe taps: | | | |
| | Cooling | | Forced | Unforced |
| | Insulating system | Mineral Oil | Silicon Oil | Askarel |

| 4.3 Protection and safety devices | Oil Temperature | Alarm | trip | No |
|---|---|---|---|---|
| | Gas Pressure | Alarm | trip | No |
| | Liquid Level | Alarm | trip | No |
| | Overcurrent | Alarm | trip | No |
| | Surge arrestor | Yes | No | |
| | Earth Fault | Yes | No | |
| | Air Dryer (colour) | Yes | No | |
| | Lighting equipment of open-air electrical equipment | | Yes | No |

| | | |
|---|---|---|
| | Earthed wires over the plant | ☐ Yes ☐ No |
| | Earthed Rods | ☐ Yes ☐ No |
| | Surge Diverters | ☐ Yes ☐ No |
| | If so, distance to the Transformer | M |

| **5.0: Operation and Maintenance** | | |
|---|---|---|
| 5.1 Staff | Is the station | ☐ Manned or ☐ Unmanned? |
| | How far away are the nearest employees? | |
| | How long does it take them to reach the station? | |
| | May there be difficulties in reaching the station (e.g. due to bad weeather such as snow, rainy season)? | ☐ Yes ☐ No |
| | If so, when?: | |
| If manned | ☐ Daily ☐ Weekly ☐ Other | |
| | Engineers | |
| | Operating personnel per shift | |
| | Maintenance personnel per shift | |

| | | | |
|---|---|---|---|
| 5.2 Operation | ☐ Local | ☐ Remote | |
| | ☐ Manual | ☐ Semi-automatic | ☐ Fully automatic |
| | ☐ Base load | ☐ Peak load | ☐ other (give description) |

| |
|---|
| 6.0 Remarks |
| |

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