



**REPUBLIC OF KENYA**  
**MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY**  
**JOMO KENYATTA INTERNATIONAL AIRPORT**  
**METEOROLOGICAL WATCH OFFICE**

JKIA Control Tower, P. O. Box 19021, 00501, Nairobi, Kenya  
Telephone: 254 (0) 20 6822003, 6822245, E-mail: [jkiametoffice@gmail.com](mailto:jkiametoffice@gmail.com), [aerometjkia@gmail.com](mailto:aerometjkia@gmail.com)

Ref: MET/15/4/10. VOL II/ (168)

Date: 27<sup>th</sup> September, 2023

**DATE: 27<sup>th</sup> SEPTEMBER, 2023**  
**CERTIFICATE OF RECOMMENDATION**

**MR. PROTAS JUNIOR OWUOTH, ID NO.39301918, REG NO.I10/1690/2020**

The student in mention was attached at Jomo Kenyatta International Airport Meteorological Watch Office for three months from 26<sup>th</sup> June, 2023 to 27<sup>th</sup> September, 2023.

During this period of industrial training, the student went through the following areas of training;

**A. OBSERVATORY**

**i. Observation of Weather Parameters**

- Clouds (Amount, type, height), Temperatures (dry bulb, wet bulb, dew point, maximum, minimum, grass minimum), Precipitation(rainfall, showers, snow, hail, ice), Obscurity (horizontal visibility, vertical visibility, RVR), Evaporation, Sunshine, Wind run, Radiation, Pressure and Wind (direction, speed).

**ii. Computation of weather data**

- Dew point temperature, Relative Humidity (RH), Cistern Level Pressure (CLP), Vapour Pressure, QNH, QFE, QNE and Weekly rainfall.
- Coding, decoding of weather messages
- Dissemination of meteorological data
- Plotting meteorological forms and charts
- Maintenance and cleaning of meteorological instruments

**B. FORECASTING OFFICE**

- Verification of SADIS data with Synergy and AWOS systems
- Weather analysis and forecasting
- Preparation of aviation meteorological information's
- Flight folder preparation and documentation
- Weather alert and warning issuance
- Weather briefing