



**NATIONAL RADIATION  
PROTECTION AUTHORITY**  
*Established pursuant to Section 33 (1) of the Atomic Energy &  
Radiation Protection Act, Act No 5 of 2005*

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**Ref:** 3/6/6/2/2/2

**Date:** 07 January 2021

Mr. Nerson Tjelos  
Excel Dynamic Solutions  
P. O. Box 997154, Maerua Mall  
Windhoek

Dear Mr. N. Tjelos

**RE: ENVIRONMENTAL ASSESSMENT FOR THE CONSTRUCTION AND  
OPERATION OF A 20M TALL LATTICE NETWORK TOWER AT GOREANGAB IN  
WINDHOEK, KHOMAS REGION – APPLICATION FOR AN ENVIRONMENTAL  
CLEARANCE CERTIFICATE (ECC)**

The National Radiation Protection Authority (NRPA) is a legal entity established by Section 33 of the Atomic Energy & Radiation Protection Act, 2005 ( Act No 5 of 2005). Its mandate is to ensure the protection of people and the environment against the harmful effects of radiation.

Environmental assessment for the construction and operation of a 20m tall lattice network tower at Goreangab in Windhoek, Khomas region – Application for an environmental clearance certificate (ECC) submitted on 16 December 2020 refers.

The National Radiation Protection Authority (NRPA) is guided by confirmed scientific evidence from the research and studies conducted by the World Health Organisation (WHO) and the International Commission on Non-Ionizing Radiation Protection (ICNIRP) on the possible adverse health effects of non-ionizing electromagnetic fields (EMF) operating at any frequency of less than 300 GHz.

From the above cited background, the proposed sites must be subject to an electromagnetic radiation exposure study (modelling potential EMF emissions) or post installation measurements to ascertain compliance with the ICNIRP guidelines.

Therefore, you may proceed with the installation and submit the measured results once completed.

Yours Sincerely,

  
Axel Fibinyane  
Director



***Mission***

*To provide for the adequate protection of the environment and of people in current future generations against the harmful effects of radiation*