



CHRISTIAN HEALTH ASSOCIATION OF KENYA

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KENYA NUCLEAR REGULATORY AUTHORITY
KASNEB TOWERS,
NAIROBI.

Date: 26/5/2022

CHAK DOSIMETRY LAB REPORT.

Name of client: Frigoken Lt. NO. CHAK/LAB/22/1/0010.

DATES OF MONITORING: Dose Readings for 28th April- 26th May 2022

a. *Readings are as follows:*

Dosimeter Id	Zero Level Date	Measurement Date	Hp007 Raw Dose, SDE	Hp10 Raw Dose, DDE	Comments
		Unit of measurement	mSv	mSv	
0100065178	2022-04-28 15:06:24.0	2022-05-26 16:43:43.0	0.092	0.07	Dose Within Limits
0100064645	2022-04-28 14:58:31.0	2022-05-26 16:43:06.0	0.101	0.084	Dose Within Limits
0100065467	2022-04-28 15:04:51.0	2022-05-26 16:42:44.0	0.095	0.073	Dose Within Limits
0100063467	2022-04-28 15:08:30.0	2022-05-26 16:42:19.0	0.101	0.08	Dose Within Limits

-Maximum permissible dose limit of the body is 20mSv/yr for radiation workers;

b. Glossary of terms: -

1. DDE (Deep Dose Equivalent) applies to external whole-body exposure at a tissue depth of 1 cm (1000 mg/cm²) averaged over an area 1 cm².
2. LDE (Lens Dose Equivalent) applies to external exposure of the lens at a tissue depth of 0.3 cm (300 mg/cm²).
3. SDE (Shallow Dose Equivalent) applies to the external exposure of the skin or extremity at a tissue depth of 0.007 cm (7 mg/cm²) averaged over an area of 1 cm².
4. The Serial Number of a dosimeter. Every dosimeter has a unique number attached to it, keep the consistency of the bearers.

Compiled by:

Joseph Rugit

Sign



LAB REGISTRATION: KNRA/SP/17/7

Cc: FrigoKen Ltd

Seeking to contribute to a just and healthy nation through advocacy, capacity building, technical support, networking, innovative programmes and witnessing about Christ