Schedule

Issue date: 29 May 2025
Valid Until: -

NO: MIBAS 016
(Issue 2, 29 May 2025 replacement
of MIBAS 016 dated 29 May 2025)

INSPECTION BODY/ CENTRAL OFFICE:	Non-Ionizing Radiation (NIR) Group, Malaysian Nuclear Agency 43000 Kajang, Selangor , 43000, SELANGOR MALAYSIA
ACCREDITED SINCE :	29 MAY 2025
TYPE OF INSPECTION :	A
FIELD(S) OF INSPECTION :	ELECTROMAGNETIC RADIATION - TYPE A

An inspection body's fulfilment of the requirements of ISO/IEC 17020:2012 means the inspection body meets both the technical competence requirements and **management system requirements** that are necessary for it to consistently deliver technically valid inspection results. The **management system requirements** in ISO/IEC 17020:2012 (Section 8) are written in language relevant to inspection body operations and are aligned with the pertinent requirements of ISO 9001. (Joint IAF-ILAC-ISO Communiquè dated September 2013).

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CENTRAL LOCATION:	Non-Ionizing Radiation (NIR) Group, Malaysian Nuclear Agency 43000 Kajang, Selangor , 43000, Selangor
FIELD(S) OF INSPECTION :	ELECTROMAGNETIC RADIATION - TYPE A
TYPE OF INSPECTION :	A

SCOPE OF INSPECTION :

Central CAB

CAB Name : Non-Ionizing Radiation (NIR) Group, Malaysian Nuclear Agency

Inspection

Items, Materials or Products Inspected	Type and Range of Inspection	Inspection Methods and Procedures
ELECTROMAGNETIC FIELD EMISSION		
Electromagnetic Field (EMF) Radiofrequency (RF) Radiation Measurement from • Communication tower • Wireless Broadband • Broadcasting Station • Mobile Telephone Base Station	In-Service Inspection (range of frequency 300 kHz-18 GHz)	QP-NIR-4 based on • Malaysia Communications and Multimedia Commission (MCMC) Act 1998: Commission Determination on the Mandatory Standard for Electromagnetic Field Emission from Radiocommunications Infrastructure: Determination No. 5 of 2021 • ICNIRP (International Commission on Non-Ionizing Radiation Protection) GUIDELINES for Limiting Exposure to Electromagnetic Fields (100 kHz to 300 GHz) Health Physics 118(5); 483-524 (2020) • GL-01 Issue 4 (2021) Industry Canada: Guidelines for the Measurement of Radio Frequency Fields at Frequencies from 3 kHz to 300 GHz