

**SENARAI PEROLEHAN BAHAN PERPUSTAKAAN NUKLEAR MALAYSIA
JANUARI 2022**



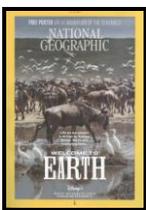
KOLEKSI BUKU/MONOGRAF

BIL	KULIT	JUDUL/PENGARANG	PENERBIT	TAHUN	ISBN	JUMLAH NASKHAH
1		Kompendium Projek R&D MOSTI RM Ke-11 (Siri 1)	MOSTI	2021	978-967-19025-4-7	1
2		Malaysian Dietary Guidelines 2020	MOH	2021	978-967-19598-2-4	1
3		Katalog Produk/Teknologi/Perkhidmatan Tahun Pengkomersialan Malaysia (MCY) 2020	MOSTI	2020	-	1

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KOLEKSI BULLETIN/MAJALAH/JURNAL

BIL	KULIT	JUDUL/BAHAN	PENERBIT	KELUARAN/ISU				BIL/ NASKHAH
				VOL	ISU	BULAN	TAHUN	
1		Dewan Masyarakat	Dewan Bahasa Pustaka		Bil.12	Dis	2021	2
2		Dewan Kosmik	Dewan Bahasa Pustaka		Bil. 12	Dis	2021	2
3		Reader's Digest	Reader's Digest Asia			Dis	2021	2
4		National Geographic	National Geographic Partners	Vol. 240	No. 6	Dis	2021	1
5		Home Beautiful	Are Media Pty Limited			Dis	2021	1
6		Buletin Kerajaan Digital	MAMPU		Ed. 02		2020	1

7		The Ingenieur	Lembaga Jurutera Malaysia	Vol. 87		July - Sept	2021	1
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TERBITAN IAEA YANG TERKINI (JANUARI 2022)

The IAEA is pleased to announce the publication of:

Design of Nuclear Installations Against External Events Excluding Earthquakes

IAEA Safety Standards Series No. SSG-68

This Safety Guide provides recommendations on the design of nuclear installations for protection against the effects of external events (excluding earthquakes), meeting the applicable safety requirements established in relation to the design aspects of nuclear installations subjected to external events. It provides methods and procedures for defining an appropriate design for a nuclear installation, based on the site hazard evaluation and the layout of the installation. The aim is to provide design guidance, in particular for the protection of structures, systems and components important to safety against design basis external events. The guide also provides recommendations on the selection of beyond design basis external events, in order to check and verify safety margins.

[STI/PUB/1968, 91 pp.; 2021; ISBN: 978-92-0-136021-2, English, 40.00 Euro](#)

The electronic version for the above publication can be found below:

[Design of Nuclear Installations Against External Events Excluding Earthquakes | IAEA](#)

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Equipment Qualification for Nuclear Installations

IAEA Safety Standards Series No. SSG-69

This Safety Guide provides recommendations on a structured approach to the establishment and preservation of equipment qualification in nuclear installations, to confirm reliable performance of safety functions by such equipment during operational states and accident conditions, to avoid vulnerability due to common cause failure of the equipment. It applies primarily to equipment that performs one or more safety functions, but it may also be applied to items not important to safety, in accordance with national requirements. The qualification process covers electrical, instrumentation and control, and active mechanical equipment, and components associated with it, for example, seals, gaskets, lubricants, cables, connections, and mounting/anchoring structures. The qualification process for passive mechanical components for which the safety performance is assured by design in accordance with applicable codes, is outside the scope of this publication. The recommendations in this Safety Guide apply to new nuclear installations, and as far as is reasonably practicable to existing nuclear installations.

[STI/PUB/1978, 53 pp.; 2021; ISBN: 978-92-0-137021-1, English, 40.00 Euro](#)

The electronic version for the above publication can be found below:

[Equipment Qualification for Nuclear Installations | IAEA](#)

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Schedules of Provisions of the IAEA Regulations for the Safe Transport of Radioactive Material (2018 Edition)

IAEA Safety Standards Series No. SSG-33 (Rev. 1)

This Safety Guide will aid regulatory bodies and users of radioactive material. It provides the relevant requirements as detailed in IAEA Safety Standards Series No. SSR-6 (Rev. 1) as applicable to the type of radioactive material, package or shipment. Once a consignor has properly classified the radioactive material to be shipped (following the recommendations provided in this Safety Guide), the appropriate UN number can be assigned and the paragraph numbers of specific requirements for shipment can be found in the corresponding schedule. This publication supersedes IAEA Safety Standards Series No. SSG-33, issued in 2015.

STI/PUB/1956, 299 pp., 2 figs; 2021; ISBN: 978-92-0-121821-6, English, 64.00 Euro

Electronic version can be found:

- [Schedules of Provisions of the IAEA Regulations for the Safe Transport of Radioactive Material \(2018 Edition\) | IAEA](#)

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Selecting Megavoltage Treatment Technologies in External Beam Radiotherapy

IAEA Human Health Reports No. 17

Radiotherapy can be delivered with different types of machine, such as external beam high energy radiation machines, kilovoltage machines and brachytherapy equipment. Variation in the incidence of different cancer types, the complexity and cost of treatment technologies, and differences in local social, economic and physical circumstances are all factors that influence technology acquisition, purchase and implementation. This publication addresses one of the many factors, associated with the planning of a new radiotherapy facility or the upgrade of an existing one – the selection of a high energy (megavoltage) radiotherapy machine. The two main high energy machine types are medical linear accelerators (linacs) and cobalt-60 machines. Although both treatment modalities have been compared extensively in the relevant literature, very few publications describe all the issues to consider when choosing a megavoltage machine. This publication puts all appropriate questions into context and provides information for non-technical administrators and decision makers, and for professionals directly involved in treating patients.

STI/PUB/1948; 43 pp., 3 figs; 2022; ISBN: 978-92-0-116821-4, English, 42.00 Euro

Electronic version can be found:

- [Selecting Megavoltage Treatment Technologies in External Beam Radiotherapy | IAEA](#)

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