

CHECKLIST FOR APPLICATION OF CLASS G LICENSE

(a) To dispose of radioactive materials, nuclear materials, prescribed substances or their wastes; (b) To store radioactive materials, nuclear materials, prescribed substances or their wastes and (c) To decommission a milling installation, waste treatment facility, irradiating apparatus or sealed source apparatus.

No	Informations required	Stages		
		New	Ammend	Renewal
A.	Organization & Administration:			
1.	2 set of application form for Class G licence - LPTA/BP/5 (green)	/	/	/
2.	Application fee of RM 15.00 / set of application form	/	/	/
3.	Postcard with self address and RM 0.30 stamp	/	/	/
4.	Person responsible for the licence (OBTL) [Please submit Form 49]	/		
5.	Copy of registration certificate (Form 9) [Please submit Form 9]	/		
6.	Letter of undertaking from Approved Registered Medical Practitioner, ARMP [Download from AELB website at http://www.aelb.gov.my]	/		
B.	Radiation Workers:			
1.	For certification as Radiation Protection Officer (RPO)/ Radiation Protection Supervisor (RPS), please submit: a) Copy of RPO examination result (TENORM) from AELB or agency certified by AELB b) Radiation workers biodata form LPTA/BPS [Download from AELB website at http://www.aelb.gov.my] c) Copy of medical check-up result [LPTA/BM/5: Section A] d) Copy of radiation protection course organized by agencies recognized by AELB [in recent 3 years]. e) Fee for RPO/RPS card of RM 5.00 and 2 set of passport size photos	/		
2.	For certification of Radiation workers (TENORM), please submit required information from part 1.B1(b) until 1.B1(c) as above mentioned.	/		
3.	Termination process must be approved by AELB prior to employing the RPO/Supervisor/radiation workers if he has been employed before.	/		
4.	If the company is unable to provide the RPO, a consultant has to be appointed from company certified by AELB	/		
C.	Survey Meter:			
1.	Copy of survey meter calibration certificate from any agency certified by AELB	/	/	/
2.	Proof of purchase of survey meter (if not in possession)	/		
D.	Radiation Protection Program (RPP):			
1.	Submission of Radiation Protection Program (RPP) – refer LEM/TEK/45 (PART E) [refer AELB website at www.aelb.gov.my]	/	/	
2.	Ensure that the program has been approved by AELB and being implemented by the company [please specify the date program implemented]			/
3.	RPP needs to be reviewed or otherwise (refer AELB)		/	/
E.	Investigation and prosecution status:			
1.	Under investigation by AELB	/	/	/
2.	Commits an offence under Act 304	/	/	/
F.	Detailed Plan and Design of the disposal / storage:			
1.	Copy of the facility layout plan and the proposed location [please state any area that nearest to the facility] – All layout plan and design including as-built drawing must be approved by the registered Professional Engineer (P.E)	/	/	
2.	Copy of the design and dimension of the facility	/	/	
3.	Inventory records of the radioactive waste sources	/	/	

G.	Radiological Impact Assessment (RIA) – For Disposal/Decommissioning Purposes (Site Location)			
1.	2 set of Radiological Impact Assessment (RIA) report of the proposed disposal facility and including the source term of radionuclide released.(The RIA monitoring and report must be done by the registered and approved consultant by AELB.) <u>Not required:</u> Storage the waste within the facility.	/		
H.	Other requirements			
1.	Submission of Decommissioning and Disposal Plan [Please refer at LEM/TEK/38 and LEM/TEK/56 at AELB website at http://www.aelb.gov.my]	/		
2.	Submission of Radiological and Environmental Monitoring Program (informations on exposure of radition workers, members of public and environment)	/		
3.	Report of analisis for radiological and environmental monitoring		/	/

References:

1. Atomic Energy Licensing Act 1984 (Act 304);
2. Radiation Protection (Licensing) Regulations 1986;
3. Radiation Protection (Basic Safety Standard) Regulations 1988;
4. Radiation Protection (Transport) Regulations 1989;
5. LEM/TEK/30 Sem.2, September 1996 - Guidelines on radiological monitoring for oil and gas facilities operators associated with Technologically Enhanced Naturally Occuring Radioactive Materials (TENORM)
6. LEM/TEK/38 – Panduan permohonan pembubaran kemudahan pemasangan pengilangan mineral radioaktif.
7. LEM/TEK/56 – Guidelines for decomissioning of facilities contaminated with radioactive materials.