

-Official Emblem-

Requirement of The Civil Aviation Authority of Thailand

No. 68

Application for and issuance of permission for operating Dangerous Goods and Prohibited or Special Handling Items

2024

By virtue of Section 15/27 and 15/29 of the Air Navigation Act B.E. 2497, amended by the Air Navigation Act (No. 14) B.E. 2562 (2019), which prohibits any person from receiving, storing, loading, unloading or transporting dangerous goods and prohibited or special handling items on an aircraft, unless written permission from the Director General is obtained and complying with the conditions set by the Director General. For the operation of dangerous goods, prohibited and special handling items comply with the standards set forth in Annex 18, of the International Civil Aviation Convention of 1944. By virtue of Sections 15/28 (2) and 15/30 (2) of the Air Navigation Act B.E. 2497 (1954), as amended by the Air Navigation Act (No. 14) B.E. 2562 (2019), the Director General of the Civil Aviation Authority of Thailand issues permission for operations regarding dangerous goods and Prohibited or Special Handling Items.

Article 1. This requirement shall be cited as “Requirement of the Civil Aviation Authority of Thailand No. 68 on Application for and issuance of permission for operating Dangerous Goods and Prohibited or Special Handling Items.

Article 2. This requirement shall come into force from 3 March 2025 onwards.

Article 3. The following notifications from the Civil Aviation Authority of Thailand are hereby revoked as a result of the repeal of Article 26 of the Air Navigation Act (No. 14), B.E. 2562 (2019)

(1) Notification of The Civil Aviation Authority of Thailand on Rules and Conditions for Permission to Send or Carry Dangerous Goods or Animals on Board Aircraft B.E. 2558 (2015)

(2) Notification of The Civil Aviation Authority of Thailand on Rules and Conditions for Permission to Send or Carry Dangerous Goods or Animals on Board Aircraft (No. 2) B.E. 2560 (2017)

(3) Notification of The Civil Aviation Authority of Thailand on Rules and Conditions for Permission to Send or Carry Dangerous Goods or Animals on Board Aircraft (No. 3) B.E. 2561 (2018)

Article 4. In this requirement

“Operations concerning Dangerous goods and Prohibited or Special Handling Items” means of receiving, storing, loading, unloading or transporting dangerous goods and prohibited or special handling items on board an aircraft

“Receiving” means the operation of receiving dangerous goods or prohibited or special handling items include inspecting and verifying the accuracy and completeness of documents, packaging, marking and labeling to shall be in accordance with Technical Instruction before accepting them for air transport.

“Storage” means the temporary storage of dangerous goods and prohibited or special handling items before loading them onto an aircraft, which shall be conducted in defined designated secure places and shall be in accordance with Technical Instruction.

“Loading” means the operation of loading dangerous goods and prohibited or special handling items from the storage area onto the aircraft for transport, by placing them appropriately in accordance with Technical Instruction for safety during the flight.

“Unloading” means the operation of unloading dangerous goods and prohibited or special handling items from the aircraft in accordance with Technical Instruction.

“Transport” means the operation of transporting dangerous goods and prohibited or special handling items on an aircraft, with safety measures during the flight and compliance with Technical Instruction and relevant regulations.

“Dangerous Goods and Prohibited or Special Handling Items Operating License” means a license for operations related to receiving, storage, loading, unloading or transporting dangerous goods and prohibited or special handling items on board an aircraft under Article15/27 or Article15/29

“Technical Instructions” means the Technical Instructions for the Safe Transport of Dangerous Goods by air (ICAO Doc. 9284), which are approved and issued periodically in accordance with the procedure established by the ICAO Council.

“Approval” means an authorization granted by the Director General of the Civil Aviation Authority of Thailand under article 13 for:

- a) the transport of forbidden dangerous goods on passenger and/or cargo aircraft where the Technical Instructions state that such goods can only be carried with approval; or
- b) any other purposes as provided in the Technical Instructions granted by the director general and shall be in accordance with technical instruction supplement.

“**Exemption**” means an authorization, other than an approval, granted by an appropriate national authority providing relief from the provisions of the Technical Instructions.

“**State of Operator**” means the state in which the operator’s principal place of business is located or, if there is no such place of business, the operator’s permanent residence.

“**State of Origin**” means the State in the territory of which the consignment is first to be loaded on an aircraft.

“**State of Destination.**” Means the State in the territory of which the consignment is finally to be unloaded from an aircraft.

“**Dangerous goods**” means articles or substances which are capable of posing a hazard to health, safety, property or the environment and which are shown in the list of dangerous goods in these Instructions, or which are classified according to these

“**Prohibited or Special Handling Items**” means Prohibited or Special Handling Items which may endanger the safety of the Aircraft or personnel on board the Aircraft as prescribed by the Director General under Article 15/30 (1)

“**Regulated Postal Authority**” means The Thai postal authority, or authority appointed by the postal agency, which is responsible for complying with the regulations of the Universal Postal Union (UPU) standards and has obtained a regulated postal certificate from the Director General of the Civil Aviation Authority of Thailand.

“**Handling Agent**” means an organization assigned to act on behalf of the air operator’s functions in receiving, storing, loading, unloading, or carrying out other any passengers or cargo related operations whole or partially.

“**Aviation Inspector**” means Dangerous Goods Inspector-ASI-OPS-DGI that appointed by the Director General in accordance with the announcement of the Civil Aviation Authority of Thailand on Air Safety Inspector.

“**The Director General**” means the Director General of the CAAT

“**CAAT**” means the Civil Aviation Authority of Thailand

Article 5. Dangerous Goods and Prohibited or Special Handling Items. There are 10 types of operating licenses as follows:

- (1) Dangerous Goods Operating License for Receiving
- (2) Dangerous Goods Operating License for Storage
- (3) Dangerous Goods Operating License for Loading

- (4) Dangerous Goods Operating License for Unloading
- (5) Dangerous Goods Operating License for Transport
- (6) Prohibited or Special Handling Items Operating License for Receiving
- (7) Prohibited or Special Handling Items Operating License for Storage
- (8) Prohibited or Special Handling Items Operating License for Loading
- (9) Prohibited or Special Handling Items Operating License for Unloading
- (10) Prohibited or Special Handling Items Operating License for Transport

Article 6. The operators handling Dangerous Goods and Prohibited or Special Handling Items who are required to obtain Dangerous Goods and Prohibited or Special Handling Items Operating License in accordance under Article 5 from the Director General include:

- (1) Thai Air Operator
- (2) Foreign Air Operator
- (3) Regulated Postal Authority which operates on dangerous goods and prohibited or special handling items within the airport area
- (4) Other Entities in addition to (1) (2) (3) such as handling agents who carry out operations on dangerous goods and prohibited or special handling items on behalf of (1), (2), or (3) within the restricted area of the airport, whether in whole or in part.

No person is allowed to operate Dangerous Goods and Prohibited or Special Handling Items that accompany private aircraft.

Article 7. Applicants for the Dangerous Goods and Prohibited or Special Handling Items Operating License under Article 6 shall have the qualifications following:

- (1) Thai Air Operator as specified under Article 6 (1):
 - (a) shall hold an air operator certificate;
 - (b) shall have a Dangerous Goods Manual or a Prohibited or Special Handling Items Manual, which demonstrates the operational procedures and emergency response plan for transporting dangerous goods or prohibited or special handling items in compliance with Technical Instructions;
 - (c) shall have a Dangerous Goods or Prohibited or Special Handling Items training program that complies with provision of Technical Instructions; and
 - (d) shall have personnel with adequate knowledge, expertise, experience, and training that are sufficient for operating handling dangerous goods or prohibited or special handling items according to which type of license requested.

- (2) Foreign Air Operator under Article 6 (2):
 - (a) shall have an air operator certificate and operational specifications that authorize the transport of dangerous goods or prohibited or special handling items, issued by the

competent authority of the State of the Operator that is a state party to the convention or a state that has an agreement with Thailand;

(b) shall have a Dangerous Goods Manual or the relevant operations manual concerning the transport of dangerous goods (Operation Manual: Section Dangerous Goods), or a Prohibited or Special Handling Items Manual, or the relevant operations manual concerning the transport of Prohibited or Special Handling Items (Operation Manual: Section Prohibited or Special Handling Items), or other equivalent manuals. This manual shall be approved by the competent authority of the State of the Operator from a country that is a State party or a state that has an agreement with Thailand. It shall include operational procedures and an emergency response plan for transporting of dangerous goods or prohibited or special handling items, in accordance with Technical Instructions;

(c) shall have a training plan for Dangerous Goods Training Program or Prohibited or Special Handling Items Training Program, or other equivalent training plans, approved by the competent authority of the State of the Operator from a country that is a State party or a state that has an agreement with Thailand, in compliance with Technical Instructions; and

(d) shall have personnel with adequate knowledge, expertise, experience, and training appropriate for handling dangerous goods or prohibited or special handling items according to which type of license requested.

3. Regulated Postal Authority under Article 6 (3):

(a) shall have Regulated Postal Authority Certificate;

(b) shall have a Dangerous Goods Manual or a Prohibited or Special Handling Items Manual, which outlines and explains operational procedures and emergency response plan for transporting dangerous goods or prohibited or special handling items in compliance with Technical Instructions;

(c) shall have a Dangerous Goods or Prohibited or Special Handling Items training program that compliance with Technical Instructions; and

(d) shall have personnel with adequate knowledge, expertise, experience, and training that are sufficient to carry out operations related to handling dangerous goods and prohibited or special handling items according to the type of license requested.

4. Other Entities under Article 6 (4)

(a) shall be legal entities registered under Thai law with their headquartered in the Kingdom of Thailand;

(b) shall have a Dangerous Goods Manual or a Prohibited or Special Handling Items Manual, which outlines and explains the operational procedures and emergency response plan for transporting dangerous goods or prohibited or special handling items in compliance with Technical Instructions;

(c) shall have a Dangerous Goods or Prohibited or Special Handling Items training program that compliance with Technical Instructions;

(d) shall have personnel with adequate knowledge, expertise, experience, and training that are sufficient to carry out operations related to handling dangerous goods and prohibited or special handling items according to which type of license requested; and

(e) provide enough insurance coverage for potential damage caused by operations.

Applicants for Dangerous Goods and Prohibited or Special Handling Items Operating License shall not be subjected to disqualification and Dangerous Goods or Prohibited or Special Handling Items Operating Licenses, regardless of the types, shall not be revoked within the past two (2) years

Article 8. Person intending to apply for Dangerous Goods or Prohibited or Special Handling Items Operating License shall submit an application form specified by the Director General to the Director General, along with documents and evidence demonstrating the qualifications and characteristics as indicated in Article 7, as required by the CAAT, through the channels designated by the CAAT.

Article 9. The issuance of Dangerous Goods and Prohibited or Special Handling Items Operating License shall be carried out in accordance with 4 procedures as follows:

- (1) Formal Application Phase
- (2) Documentation Evaluation Phase
- (3) Demonstration and Inspection Phase
- (4) Certification Phase

The procedures for each step as mentioned in the first paragraph shall be processed as follows:

(1) **Formal Application Phase** - the dangerous goods and prohibited or special handling items operating license applicants shall submit their application along with the supporting documents to an Aviation Inspector to verify the correctness and completeness of the applicant's qualifications as well as the correctness of submitted documents. When the application form is accurate and complete, the Aviation Inspector shall accept the request to consider.

(2) **Documentation Evaluation Phase** - Aviation Inspector shall review the Dangerous Goods and Prohibited or Special Handling Items Operations Manual, which demonstrates the operational procedures and emergency response plan for handling dangerous goods and prohibited or special handling items, including the training program for dangerous goods and prohibited or special handling items to ensure that both comply with the Technical Instruction and the operations of dangerous goods or prohibited or special handling items according to the type of license being requested. The manual and training program shall include at least the minimum details specified by the CAAT. If the Aviation inspector determines that the documents are complied with the Technical Instructions and are accurate and complete, they shall submit the operations manual and training program to the Director General for approval (in the case of Thai air operators) or

acceptance (in the case of foreign air operators) for further review as mentioned in (3) below. If the Aviation Inspector determines that the operations manual or training program does not meet the Technical Instructions or operational procedures for the requested permit, or if the submitted supporting documents are incomplete or incorrect, the Aviation Inspector will notify the applicant to make corrections or provide additional documentation within a specified timeframe. If the applicant fails to complete the required revision within the timeframe or the submission remains incomplete, the Aviation Inspector shall return the applicant and notify the applicant.

(3) **Demonstration and Inspection Phase** - Once the Aviation Inspector has assessed the readiness of the premises, tools, equipment, personnel, and the training of personnel, as well as compliance with the operations manual and training plan mentioned in (2), and concludes that the applicant can adhere to the operations manual and training plan, the inspector will submit the operations manual and training plan to the Director General for approval in the case of a Thai air operator, or for acceptance in the case of a foreign air operator, to facilitate the issuance of the license under (4). However, if the inspector determines that the application is unable to comply with the operations manual and training plan, the applicant will be advised to make the necessary corrections within a specified timeframe. If the applicant fails to complete the corrections within the specified time, or if the corrections remain incomplete, the Aviation Inspector shall return the applicant and notify the applicant.

(4) **Certification Phase** - The Director General will issue a Dangerous Goods and Prohibited or Special Handling Items Operating License based on the type requested by the applicant once the procedures in steps (1) to (3) have been fully completed. The Director General also issues the Operation Specification, which states that dangerous goods may be transported, to the license applicant, Thai air operator.

Article 10. In granting a Dangerous Goods and Prohibited or Special Handling Items Operating License, the Director General will specify minimum conditions in the appendix/attachment that the license holder shall behave, as follows:

(1) the license holder shall strictly comply with Annex 18 of the Convention on International Civil Aviation, the current edition of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air and Article 15/28(2), (3) of the Air Navigation Act B.E. 2497 (1954) as amended by the Air Navigation Act (No. 14) B.E. 2562 (2019) and all regulations, practices, announcements or international legislation and standards pertaining to carriage of Dangerous Goods and Prohibited or Special Handling Items;

(2) the license holder (Thai Air Operator or Foreign Air Operator) shall provide writing information of dangerous goods or prohibited or special handling items to the pilot - in - command and personnel in charge of operational control of the aircraft (e.g. the flight operations officer, flight dispatcher, or designated flight operation ground personnel) at the ear with accurate and legible written information or printed information concerning dangerous goods to be carried as cargo. As

early as practicable before the departure of the aircraft, but in no case later than when the aircraft moves under its own power;

(3) if license holder is a Thai or foreign air operator, and an accident, incident, or serious incident occurs as a result of dangerous goods and prohibited or special handling items, the information must be reported to the responsible emergency service agency and the Office as soon as possible;

(4) the license holder shall provide competent and sufficient to carry out activities regarding dangerous goods or prohibited or special handling items by completing courses that meet the International Civil Aviation Organization standards;

(5) the license holder shall submit a Dangerous Goods and prohibited or special handling items shipment monthly report to CAAT by email address ops_dg@caat.or.th, as set out in form a stating of each carriage the state of origin, state of destination, UN number, class, proper shipping name, quantity, and air waybill number within seven (7) days of the end of each month;

(6) the license holder shall not transfer any of the license's privileges to another person; and

(7) other conditions that the Director General deems necessary and appropriate.

Article 11. The Dangerous Goods Operating License or the Prohibited or Special Handling Items Operating License are valid five (5) years each as specified in the license. Both Thai and foreign air operators only exercise the rights granted by the license as long as their respective air operator certificates are active.

The application forms for the Dangerous Goods Operating License and the Prohibited or Special Handling Items Operating License shall follow the templates provided in the appendix of these requirements.

Article 12. An application for renewal of the license to operate Dangerous Goods and Prohibited or Special Handling Items shall be submitted to the Director General in the form prescribed by the Director General at least sixty (60) days but no later than ninety (90) days before the former license expires, along with supporting documents demonstrated the qualifications and characteristics specified in Article 7 and Article 8, via the channels specified by the CAAT.

To consider the application for the renewal of the license, the provisions in Article 9 and Article 10 shall apply mutatis mutandis.

Article 13. No Thai and foreign air operator transports dangerous goods by air that the Technical Instructions have defined them as Dangerous Goods Forbidden to be transported under normal circumstances or infected live animal, unless receiving permitted in written exemption or approval from the Director General, This must consider the permission from the state of origin and the relevant state, with a safety risk assessment and compliance with the instructions specified in the Technical Instruction Supplement.

The Director General shall provide approval under the exemption provisions of this first paragraph only in the following case.

- a) which are particularly urgent; or
- b) where the other mode of transport is not appropriate; or
- c) where full compliance with the prescribed requirements is contrary to the public interest.

When an aircraft flies through Kingdom of Thailand and there are no specific prohibited national regulations, the Director General may grant permission if there is reason to believe that the aircraft meets adequate transport safety standards under the conditions permitted by the state of origin, the state of the air operator, the state through which the aircraft flies, the state of transit, and the relevant state of destination.

Article 14. The Dangerous Goods Operating license holders, both Thai air operator and foreign air operator, who require an exemption or approval under Article 13, shall submit accurate and complete application to the CAAT through the channels specified by the CAAT at least fifteen (15) working days before the aircraft departs from the state of origin. When the Aviation Inspector conducted the inspection and found it to be a case under paragraph 2 of Article 13. The Director General shall issue an exemption or grant permission.

Article 15. License holders with the Dangerous Goods and Prohibited or Special Handling Items Operating License have the following responsibilities:

(1) follow the operations manual for dangerous goods or prohibited or special handling items, as well as training plan approved or accepted by the Director General under Article 9 (3), as applicable, and updated as mentioned in (2) below. In addition, the operation shall conform with operating processes and emergency response plans regarding the handling of dangerous goods and prohibited or special handling items;

(2) ensure that the operations manual and training program for dangerous goods or prohibited or special handling items are up-to-date and in compliance with Technical Instructions. In this case, documents shall be systematically controlled and managed, before submitted for approval or acceptance by the Director General, if relevant, before applied;

(3) ensure that personnel handling dangerous goods or prohibited or special handling items are trained in accordance with the program's training plan and maintained an individual training record who have achieved the required standards to be reviewed by the Aviation Inspector. In this regard, information about dangerous goods and prohibited or special handling items under their responsibilities, including procedures in case of emergency regarding dangerous goods or prohibited or special handling items, shall be informed to the personnel and the relevant staff;

(4) provide an internal audit regarding the operation procedures, processes, and the dangerous goods and prohibited or special handling items training program as specified in (3);

(5) provide audit to of other entities as specified in Article 6 (4) who have been

delegated to carry out the operations related to dangerous goods or prohibited or special handling items on behalf of the license holder, either in whole or in part;

(6) in the event of an accident, incident, or serious incident caused by a dangerous goods or a prohibited or special handling item, the responsible emergency service authorities and CAAT, as well as the state agency which has responsibilities for aviation safety and aircraft accident investigation, shall be notified as soon as possible upon request; and

(7) provide Dangerous Goods or Prohibited or Special Handling Items Shipment Monthly Report as permitted and submit to CAAT including details of the state of origin, state of destination, UN number, proper shipping name, quantity, volume and air waybill number.

Article 16. If an Aviation Inspector determines that the License Holder has committed any of the following actions that may endanger aviation safety, the Aviation Inspector has the authority to order the license holder to correct or take necessary actions within a specified timeframe:

(1) violates or fails to comply with the conditions attached to the license as prescribed Article 10;

(2) violate or fail to fulfill the duties specified in Article 15;

(3) violate or fail to comply with the operations manual for dangerous goods and prohibited or special handling items, or the training plan for the dangerous goods and prohibited or special handling items training program;

(4) violate or fail to adhere to regulations, criteria, order, or related requirements for the transport of dangerous goods and prohibits or special handling items specified by the Director General; and

(5) unable to carry out operation safely.

Article 17. The Director General has the authority to suspend Dangerous Goods and Prohibited or Special Handling Items Operating License when the license holder:

(1) failure to adjust, changes, or take action within the timeframe specified by the Aviation Inspector under Article 16; or

(2) commit an act under Article 16 (1), (2), (3), (4), and (5) that endanger aviation Safety.

According to the suspended order mentioned in the first paragraph, the Director General shall indicate a timeframe and conditions that the license holder shall make the necessary corrections.

Article 18. The Director General has the authority to revoke Dangerous Goods and Prohibited or Special Handling Items Operating License when the license holder:

(1) transport dangerous goods that the Technical Instructions have specified as Dangerous Goods Forbidden transported under normal circumstances, or infected live animals, without permission in accordance with the exemption or approval that under Article 13;

(2) commit an act Article 16 (1), (2), (3), and (4) endanger aviation safety; or

(3) the license has been suspended twice under Article 17 within a year.

A license holder whose license has been revoked under the first paragraph may apply for a new license after two (2) years from the date of the revocation.

Article 19. The permission to send or carry dangerous goods or animals on board the aircraft granted under Notification of The Civil Aviation Authority of Thailand on Rules and Conditions for Permission to Send or Carry Dangerous Goods or Animals on Board Aircraft B.E. 2557 (2014) will remain valid until the license expires. Thai air operators shall comply with the criteria, conditions, and provisions set forth in this requirement and other relevant requirement. Furthermore, Thai air operators shall apply for Dangerous Goods Operating Licenses under this requirement at least ninety (90) days before the expiration date of the former license and may continue to operate with Dangerous Goods until the Director General issues a prohibited order such operations in accordance with this requirement.

Article 20. Thai air operators, whose name has been announced by the Director General as authorized to transport firearms, ammunition, and firearm imitations on board aircraft, according to the announcement issued under Article 15/10 (3) of the Air Navigation Act B.E. 2497 (1954), as amended by the Air Navigation Act (No. 14) B.E. 2562 (2019), and Article 8 (1) of the Civil Aviation Authority of Thailand's Requirement No. 29 regarding the criteria and conditions for authorizing passengers to carry firearms, ammunition, and firearm imitations on board aircraft, and its subsequent amendments, shall be considered as authorized operators in the transport of prohibited or special handling items, specifically firearms, ammunition, and firearm imitations carried by passengers on board aircraft, in accordance with this requirement. The operators shall comply with the criteria, conditions, and provisions set forth in this requirement.

Article 21. Foreign air operators under Article 6 (2) and other entities under Article 6 (4) who have been engaged in the operation of dangerous goods or prohibited or special handling items prior to the enforcement date of this requirement shall apply for Dangerous Goods and Prohibited or Special Handling Items Operating Licenses within 180 days from the enforcement. The operator may continue operating until the Director General issues a prohibited order regarding the operation of dangerous goods or prohibited or special handling items under this requirement.

During the operation mentioned in the first paragraph foreign air operators and other entities shall comply with the criteria, conditions, and provisions set forth in this requirement and any other relevant requirement.

Article 22. All Dangerous Goods training programs that have been approved by the Director General under Regulation on the Civil Aviation Authority of Thailand No. 4 on Transportation of Dangerous Goods by Air shall remain effective until the approval determined by the Director General expires.

Article 23. All applications submitted prior to the effective date of this requirement that are still under consideration will be treated as submissions under this requirement and processed in compliance with its provisions.

Give on 11 November 2024
Suttipong Kongpool
Director General
The Civil Aviation Authority of Thailand