

-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

Pursuant to Section 15/27 and 15/29 of the Air Navigation Act B.E. 2497, as amended by the Air Navigation Act (No. 14) B.E. 2562, 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 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, with the amendments of Annex 18, and Technical Instructions for the Safe Transport of Dangerous Goods by Air and Supplement (ICAO Doc 9284 - AN/905 and ICAO Doc 9284-SU) 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 involving dangerous goods and Prohibited or Special Handling Items.

Section 1. This requirement is called “Requirement of the Civil Aviation Authority of Thailand No. 68 on the application for and issuance of permission for operating Dangerous Goods and Prohibited or Special Handling Items.

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

Section 3. The following notifications from the Civil Aviation Authority of Thailand are hereby revoked as a result of the repeal of Section 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

(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

(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

Section 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 items 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 transportation.

“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” mean 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 Section 15/27 or Section 15/29

"Technical Instructions" means the technical instructions for the safe transport of dangerous products by air (ICAO Doc. 9284), which are issued periodically in accordance with the procedure established and authorized by the ICAO Council.

"Approval" mean an authorization granted by Director General of the Civil Aviation Authority of Thailand under 13 for:

- a) the transport of dangerous goods forbidden on passenger and/or cargo aircraft where the Technical Instructions state that such goods may be carried with an approval~~xxx~~; or
- b) other purposes as provided for in the Technical Instructions.

"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." 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 the Technical Instructions, and as specified by the Director General, it is classified as dangerous goods under Section 15/28 (1).

"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 Section 15/30 (1)

"Regulated Postal Authority" means The Thai postal agency, or any agency 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 in some or all of the operator’s functions in receiving, storing, loading, unloading, or carrying out other passengers or cargo related operations.

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

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

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

Section 5. Dangerous Goods and Prohibited or Special Handling Items. There are ten categories 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

Section 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 Section 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.

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

(1) Thai Air Operator as specified under Section 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 outlines and explains the operational procedures and emergency response plan for transporting dangerous goods or prohibited or special handling items in compliance with Technical Instruction.

(c) Shall have a Dangerous Goods or Prohibited or Special Handling Items training program that compliance with Technical Instruction.

(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.

(2) Foreign Air Operator under Section 6 (2)

(a) Shall have an air operator certificate and operational specifications that authorize the transportation of dangerous goods or prohibited or special handling items, issued by the appropriate authority of the State of the Operator that is a party to the convention or a country that has an agreement with Thailand.

(b) Shall have a Dangerous Goods Manual or the relevant section of the Operations Manual concerning the transportation of dangerous goods (Operation Manual: Section Dangerous Goods), or a Prohibited or Special Handling Items Manual, or the relevant section of the Operations Manual concerning the transportation of Prohibited or Special Handling Items (Operation Manual: Section Prohibited or Special Handling Items), or an equivalent manual. This manual shall be approved by the appropriate authority of the State of the Operator from a country that is a party to the convention or a country that has an agreement with Thailand. It shall include operational procedures and an emergency response plan to transporting of dangerous goods or prohibited or special handling items, in accordance with Technical Instruction.

(c) Shall have a training plan for Dangerous Goods Training Program or Prohibited or Special Handling Items Training Program, or an equivalent training plan, approved by the appropriate authority of the State of the Operator from a country that is a party to the convention or a country that has an agreement with Thailand, in compliance with Technical Instruction.

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

3. Regulated Postal Authority under Section 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 Instruction.

(c) Shall have a Dangerous Goods or Prohibited or Special Handling Items training program that compliance with Technical Instruction.

(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 Section 6 (4)

(a) Shall be a legal entity registered under Thai law with its 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 Instruction.

(c) Shall have a Dangerous Goods or Prohibited or Special Handling Items training program that compliance with Technical Instruction.

(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.

(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 subject to disqualification and shall not be in the process of having their Dangerous Goods or Prohibited or Special Handling Items Operating License revoked, regardless of the type, within the past two (2) years

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

Section 9. The issuance of Dangerous Goods and Prohibited or Special Handling Items Operating License shall be carried out in accordance with the following.

- (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 applicant for dangerous goods and prohibited or special handling items operating license shall be submit their application along with the supporting documents for an Aviation Inspector to verify the correctness and completeness of the applicant's qualifications as well as the correctness of submitting documentation submitted. If the Aviation Inspector determines that the application is accurate and complete, they will accept the application for review.

(2) **Documentation Evaluation Phase** - Aviation Inspector to shall review the Dangerous Goods and Prohibited or Special Handling Items Operations Manual, which outlines 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 align with 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

comply 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 per item (3). If the Aviation Inspector determines that the operations manual or training program does not meet the Technical Instruction or operational procedures for the requested permit, or if the supporting documents submitted are incomplete or incorrect, the Aviation Inspector will notify the applicant and require correction or provide additional documentation within a specified timeframe. If the applicant fails to complete the required revision within that timeframe or the submission remains incomplete, the application will be returned, and the applicant will be notified.

(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 in accordance with (2), and concludes that the applicant can adhere to the operations manual and training plan, the inspector will submit the 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 application will be returned, and the applicant will be notified.

(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, a Thai air operator.

Section 10. In granting a Dangerous Goods and Prohibited or Special Handling Items Operating License, the Director General will specify conditions that the license holder shall adhere to, which will be attached to the license. These conditions will include, at a minimum, the following.

(1) The license holder shall strictly comply with Annex 18 to the Convention on International Civil Aviation, the current edition of the ICAO Technical Instruction for the Safe Transport of Dangerous Goods by Air and Article 15/28(2), (3) of the Air Navigation Act B.E. 2497 as amended by the Air Navigation Act (No. 14) B.E. 2562 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 (Air Operator or Foreign Air Operator) shall provide the pilot - in - command and personnel with responsibilities for operational control of the aircraft (e.g. the flight operations officer, flight dispatcher, or designated ground personnel responsible for flight operations) 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 a licensee 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 personnel with appropriate competencies and sufficient quantity to carry out activities involving dangerous goods or prohibited or special handling items by completing courses in accordance with the standards required by International Civil Aviation Organization

(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.

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

Section 11. The Dangerous Goods Operating License and the Prohibited or Special Handling Items Operating License are each valid for a period of five (5) years as specified in the license. Both Thai and foreign air operators may 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 annex of these requirements.

Section 12. An application for renewal of the license to operate Dangerous Goods and Prohibited or Special Handling Items shall be submitted 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 original license expires, along with supporting documents demonstrating the qualifications and characteristics specified in Sections 7 and 8, via the channels specified by the CAAT.

In considering the application for the renewal of the license, the provisions in Sections 9 and 10 shall apply *mutatis mutandis*.

Section 13. No Thai and foreign air operators transport dangerous goods by air that the Technical Instruction have fined them as forbidden to be transported under normal circumstances or infected live animal, unless permitted under the exemption requirements or approved in writing by the Director General, as applicable. 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.

No Thai and foreign air operator operating are prohibited from transporting Dangerous Goods Forbidden under normal circumstances or are infected live animals, unless permitted under the exemption requirements or approvals by the Director General. This shall also consider the permission from the state of origin and states concerned, where specifically provided for in the Technical Instructions, and align with a safety risk assessment consistent practice, that in such instances every effort shall be made to achieve an overall level of safety in transport which is equivalent to the level of safety, which is contained in the Supplement to the Technical Instructions

The Director may provide approval under the exemption provisions of paragraph one 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 national regulations prohibiting it, the General Director may grant permission if there is reason to believe that the aircraft meets adequate transportation 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.

Section 14. The License holders for operating under the Dangerous Goods Operating license, who are air operators and foreign air operators, wish to apply for an exemption

or approval as stated under Section 13, shall submit an 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 Section 13, paragraph two, the Director General shall issue an exemption or grant permission.

Section 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 and prohibited or special handling items, as well as training plan approved or accepted by the Director General under Section 9 (3), as applicable, and updated as per (2). In addition, conform with operating processes and emergency response plans linked to 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 and submitted for review or acceptance by the Director General, if relevant, before they are used.

(3) Ensure that personnel handling dangerous goods or prohibited or special handling items are trained in accordance with the program's training plan. Maintain a training record of individuals who have completed the training for review by the Aviation Inspector. In this regard, information about dangerous goods and prohibited or special handling items under the responsibility, including procedures in case of emergency regarding dangerous goods or prohibited or special handling items, shall be informed to the personnel and relevant

(4) Ensure that internal audits are conducted regarding the operation procedures, processes, and the dangerous goods and prohibited or special handling items training program as specified in (3).

(5) Conduct audits of other entities as specified in Paragraph 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 unit and the Civil Aviation Authority of Thailand, as well as the state agency responsible for aviation safety and aircraft accident investigation, shall be notified as soon as possible upon request.

(7) Prepare a monthly report on the operation of dangerous goods, prohibited or special handling items (Dangerous Goods and Prohibited or Special Handling Items Shipment Monthly Report) as permitted and submit it to CAAT regularly every month, with details of the state of origin, state of destination, UN number, proper shipping name, quantity, volume and air waybill number.

Section 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 time frame.

(1) Violates or fails to comply with the conditions or restrictions attached to the license as prescribed Section 10.

(2) Violates or fails to fulfill the duties specified in Section 15.

(3) Violates or fails 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) Violates or fails to adhere to regulations, criteria, procedures, or related requirements for the transport of dangerous goods and prohibits or special handling items required by the Director General.

(5) Unable to carry out operation safely.

Section 17 The Director General has the power 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 time frame specified by the Aviation Inspector under Section 16.

(2) Taking action under Sections 16 (1), (2), (3), (4), and (5) that endanger aviation Safety. In the order suspending the license under paragraph one, the Director General shall indicate the time frame and conditions under which the license holder shall make the necessary modifications.

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

(1) Transporting dangerous goods which the Technical Instruction have specified as Dangerous Goods Forbidden to be transported under normal circumstances, or infected live animals, without permission in accordance with the exemption or approval requirements under Section 13.

(2) Act in conformity with Sections 16 (1), (2), (3), and (4) endanger aviation safety.

(3) The license has been suspended twice under Section 17 within a year.

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

Section 19. The permission to send or carry dangerous goods or animals on board 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 will remain valid until the license expires. Thai air operators shall comply with the requirement, conditions, and provisions set forth in this requirement and other relevant regulations. Furthermore, Thai air operators shall apply for a Dangerous Goods Operating License under these regulations at least ninety (90) days before the expiration date of the original license and may continue to operate with Dangerous Goods until the Director General issues an order prohibiting such operations in accordance with these requirements.

Section 20. Thai air operator, 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 Section 15/10 (3) of the Air Navigation Act B.E. 2497, as amended by the Air Navigation Act (No. 14) B.E. 2562, and Section 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 to operate in the transportation of prohibited or special handling items, specifically firearms, ammunition, and firearm imitations carried by passengers on board aircraft, in accordance with these requirement. The operator shall comply with the criteria, conditions, and provisions set forth in this requirement.

Section 21. Foreign Air Operators under Section 6 (2) and Other Entities under Section 6 (4) who have been engaged in the operation of dangerous goods or prohibited or special handling items prior to the enforcement date of these requirements shall apply for a Dangerous Goods and Prohibited or Special Handling Items Operating License within 180 days from the enforcement date. They may continue operating until the Director General issues an order prohibiting the operation of dangerous goods or prohibited or special handling items under this requirement.

During the period of operation mentioned in Paragraph 1, Foreign Air Operators and Other Entities shall comply with the criteria, conditions, and provisions set forth in these requirements and any other relevant regulations.

Section 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 period expires, as determined by the Director General.

Section 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 October 2024

Suttipong Kongpool

Director General

The Civil Aviation Authority of Thailand