

Dangerous Goods Oversight Inspector

Department: Aviation Safety and Security Directorate
Employment Type: Full-Time

About the Role

As a State Aviation Regulator, we seek a Dangerous Goods Oversight Inspector to enhance our oversight and enforcement of safe practices in the transportation, handling, and storage of dangerous goods at aerodromes. The ideal candidate is a dedicated aviation professional with extensive expertise in local, national, and international regulations to ensure compliance, mitigate risks, and uphold the highest standards of aviation safety and security. This role is critical in supporting our mission to protect public safety and aligns with ICAO standards and best global practices for dangerous goods.

Key Responsibilities

- Conduct comprehensive inspections, audits, and surveillance of facilities and operations involving dangerous goods—including airports, airlines, handling agents, cargo agents, and storage facilities—to ensure compliance with local regulations, ICAO Annex 18, ICAO Technical Instructions (Doc 9284), and IATA Dangerous Goods Regulations (DGR), including the approval of dangerous goods transportation procedures and training programs for commercial operators.
- Lead and participate in investigations of serious or critical incidents and accidents related to dangerous goods, analyze root causes, prepare detailed reports, and recommend corrective actions to prevent recurrence, following ICAO's safety investigation guidance (Doc 9756 and Annex 13).
- Review and assess online requests for the transportation of dangerous goods, assist the Director of Safety and Security in approving consignments, and evaluate packaging, labeling, documentation, handling, and storage procedures for adherence to ICAO and IATA standards.
- Verify that all dangerous goods handlers are fully trained and compliant with standards. Report any instances of incorrect handling, hazardous substance mismanagement, or non-compliance in storage facilities.
- Inspect suspected shipments at airports, coordinate with relevant stakeholders to clarify issues, and ensure proper security and safety measures are followed, in line with ICAO Security ICAO Doc 9859.
- Maintain accurate records of dangerous goods applications, correspondence, inspections, and audits; support the Director of Safety and Security in preparing and presenting annual audit/inspection reports.
- Contribute to the development and update of national regulations, standards, and procedures relating to dangerous goods, aligning with ICAO, IATA, and international best practices.
- Perform other related duties, including delivering technical advice, providing training, and supporting regulatory updates, following ICAO guidance (e.g., DOC 10070, 2.2.6).

Essential Requirements

- Higher Diploma or bachelor's degree in chemical engineering, Environmental Science, Health & Safety, Law, or related technical field.
- Minimum 5 years' progressive experience in aviation or hazardous materials handling, with at least 3 years in dangerous goods operations or regulatory oversight — particularly in commercial air transport environments.
- Proven experience conducting audits, inspections, or certifying dangerous goods transport activities in accordance with ICAO and IATA regulations.
- Sound knowledge of:
 - ICAO Annex 18, ICAO Technical Instructions (Doc 9284), and IATA DGR.
 - State regulatory frameworks, international aviation safety law, and safety risk management practices.
 - Classification, packaging, marking, labeling, documentation, and shipping procedures for dangerous goods.
- Experience in incident investigation related to dangerous goods handling and transport.
- Familiarity with ICAO safety oversight and compliance frameworks, including SSP and USOAP.

Preferred Qualifications

- Certifications such as IATA Dangerous Goods Training (CBTA), ICAO Aviation Safety Inspector Credentials, or equivalent.
- Experience in hazards assessment techniques like HAZID, HAZOP, fire/explosion analysis, and environmental impact assessments.
- Background working with international organizations or multi-stakeholder environments in hazardous materials.
- Proven ability to provide technical training and conduct capacity-building activities in dangerous goods safety.
- Approaches aerodrome oversight with an effective risk management strategy, considering the specific risk profile.
- Analyzes information critically to achieve consistent and desirable outcomes.

Core Competencies

- Strong understanding of hazard & risk management techniques, including HAZID and HAZOP processes, fire and explosion analysis, and dispersion modeling, with ability to apply and continuously improve technical knowledge and skills related to aerodrome operations and safety.
- Ability to assess hazardous scenarios, analyze complex issues, consider risks, and make informed, timely decisions based on relevant facts while approaching aerodrome oversight with an effective risk management strategy considering the specific risk profile.
- Excellent communication skills with ability to convey and receive information effectively through oral, written, and non-verbal communication, capable of engaging diverse stakeholders including airlines, handling agents, and airport authorities.

- Understands how different components of aerodrome management systems interact and function together, with ability to analyze information critically to achieve consistent and desirable outcomes.
- Independently and proactively identifies and addresses issues with meticulous attention to detail for inspections, reporting, and compliance verification, demonstrating resilience under pressure with a proactive attitude towards safety improvements and continuous learning.
- Upholds high ethical standards, demonstrating integrity, transparency, and fairness in all oversight activities, guided by ICAO and international best practices.