

## Competencies for Regulatory Staff

### Competency: Rescue and Fire Fighting Regulation

**Description:** Knowledge, understanding and skills in all areas of technical and practical rescue and fire fighting in order to regulate and approve the RFFS as an effective and efficient unit.

*Note: Elements are in italics.*

#### *Understanding*

A sound knowledge of ICAO and OTAR requirements for Rescue and Fire Fighting (RFFS) regulation.

Knowledge of the basis of calculating categories of RFFS cover, methods of deriving appropriate staffing and equipment levels for appliances at aerodromes.

Understanding of how principal and complimentary extinguishing agents and discharge rates are determined and the quality management of the agents, including specifications, procedures and performance levels.

The operational objective of the RFFS in terms of response time and response area.

Sufficient understanding to assess fire appliances (including their equipment) are fit for purpose including the need for specialist equipment for difficult environments. Able to assess maintenance programme for vehicles, assess conditions of vehicles and the effectiveness of daily checks.

Understanding of task and resource analysis (TRA) and its consequent training requirements, RFFS personnel competencies and training facilities required.

Based on the TRA, the ability to assess appropriate protective personal and respiratory equipment including test and inspection processes as well as rescue equipment and medical supplies

Ability to assess suitable communication systems for RFFS.

A thorough understanding of Emergency Planning, the orders and actions, their application and exercising criteria.

Ability to assess forward planning, command, control and supervision to ensure an RFFS unit is effective and efficient in meeting its aviation safety objectives/regulatory requirements.

#### *Guidance*

Is able to provide expertise in all aspects of RFFS for development of OTARs and adherence to ICAO and AN(OT)O requirements

Can provide advice to other technical areas on RFFS issues.

*Persons to whom this is likely to apply:*

Aerodrome Inspectors  
RFFS Contractors