



Introduction of LEDS in Switzerland

process – challenges - review



22.10.2014



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Introduction

Preparation

Challenges

Implementation
/ Review



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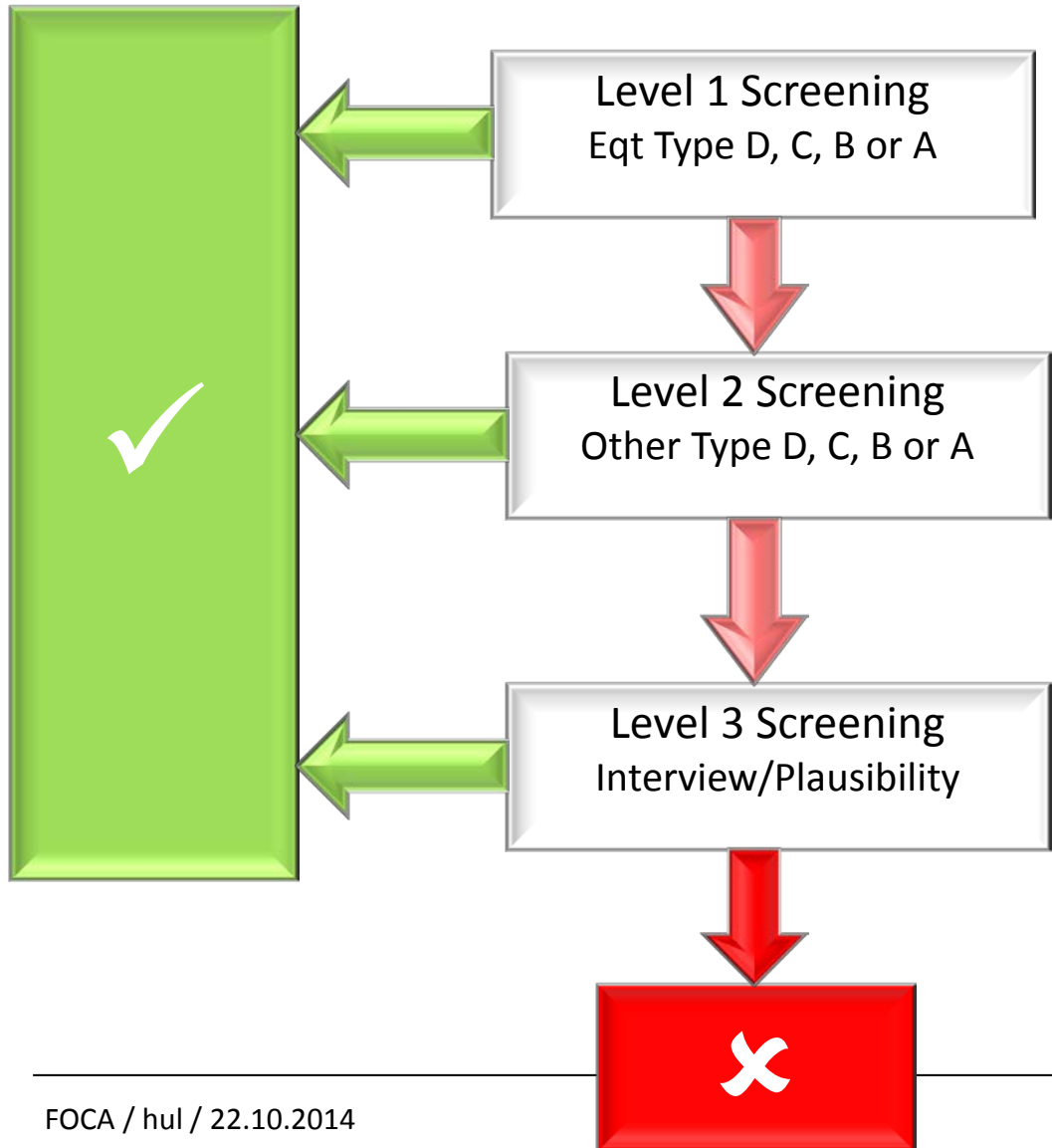
Concerned commodities

- No change to general LAGs rules (100ml/1L);
- New screening requirement for all LAGs essential to the passenger for the flight for **medical** or for **dietary reasons** (including baby food) and LAGs in STEBs
- Until January 2014 exempted from LAGs rules (100ml)





Screening process / Alarm resolution





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Provision of guidance by Appropriate Authority

- Workshop: Explanation and interpretation of requirements
- Holistic approach: „situation analysis“¹ rather than an interview or interrogation for alarm resolution
- Introduction to Security Questioning (SQ)
 - Appearance and behaviour of interviewee
 - Suspicion Indicators: meaning, detection and refuting
 - Principles of effective questioning
- SQ applied to alarm resolution for LAGs
 - Type of questioning / general approach
 - Possible initial and specific questions



Technical / Operational Evaluation by Airport Operator

-  Type B LEDS evaluated
 - 2'160 Tests under laboratory conditions
 - 72 different liquids
-  Eqt pre-selected
 - 656 Tests under operational conditions
 - different combinations of eqt
 - ~ 60 Staff
 - ~ 1'000 endurance tests
 - ~ 90 Staff
-  Eqt selected
 - in combination lowest false alarm rate
 - operational reliable



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Technical

- Availability of eqt at required deadlines
 - ✓ Established relationship with manufacturers
 - ✓ Early procurement date
- Readily available spare parts and technical support
 - ✓ Training of own technical staff at manufacturers
 - ✓ Procurement of own stock of spare parts



Operational

- Limited number of eqt (budget constraints)
 - ✓ Best distribution and positioning of eqt in order to facilitate use and accessibility
- Queing / waiting times
 - ✓ Adjustment of screening staff distribution
 - ✓ Adjustment of procedures (i.E. STEBs screened without unpacking)
 - ✓ Information to passengers
- Technical failures of eqt
 - ✓ Trained service staff and spare parts readily available on site



Instruction / Training (technical / practice)

- Training material
 - ✓ Easy to operate equipment
 - ✓ Training material on hand (from tests)
 - ✓ Early availability of eqt





Instruction / Training (non technical / interview)

- Training material
 - ✓ Developed jointly between State Police and airport operator with support of AA
- Instructors
 - ✓ Instructors from various branches of State Police (Airport Police, BDOs, DEO, Bomb Squad etc.)



Psychological

- Interviewer uncomfortable with overruling equipment
 - 2 times red = potentially dangerous substance to be used with malice aforethought
 - ➔ Quick initiation of escalation process and involvement of LEOs
- ✓ Bolster confidence in good judgment
- ✓ Training in interviewing / questioning techniques
- ✓ Help line for medical questions (medical services / pharmacy)
- ✓ Voucher for baby food (valid at nursery in SRA)



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Implementation

- Smooth introduction in general
 - 116'000 liquids screened (since January 2014)
 - 7'900 alarms (6.8%)
- Small as expected number of interviews
 - 400 = 2 to 3 on average per day
 - ~ 1 interview per 29'000 pax
- ~ 90% of interviews required for originating pax



Conclusion



- Close monitoring by AA
- Comprehensive briefing and provision of **guidance material**
- Appropriate timeframe
- Effective steering by responsible entity
- **Equipment testing** both under laboratory conditions as well as operational / practical conditions (including endurance testing)
- Adapted training especially for Interviewer
- **Supervision** by AA and relevant entities during training and implementation
- Appropriate communication with all concerned entities and the traveling public in general
- Creative thinking