



## Notice to Regulated Air Cargo Screening Facilities 3/2026

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### Safe Operation and Proper Maintenance of Security Screening Equipment

This notice serves as a reminder to all Regulated Air Cargo Screening Facilities (RACSFs) regarding the safe operation and proper maintenance of security screening equipment.

2. In accordance with the [\*RACSF Security Programme Part II Section 10\*](#), RACSFs shall be responsible for ensuring that the **screening equipment conforms to the stated requirements**, including any licensing requirements, are satisfied. RACSFs shall also ensure that the screening equipment is **used properly by trained staff**, and **maintained in a safe and serviceable condition by competent engineers**. Regular operational calibration checks shall be carried out by trained staff **in accordance with the manufacturer's instructions and procedures**.

3. The "[\*List of Screening Equipment\*](#)" promulgated on the Civil Aviation Department (CAD)'s website lists out the make and model of screening equipment which were accepted-in-principle by the CAD for the industry's reference. Final acceptance is subject to conditions specified in the RACSF scheme, including but not limited to the satisfactory performance of individual screening equipment in Factory Acceptance Test (FAT) and Site Acceptance Test (SAT). Furthermore, some of the screening equipment are certified by other authorities to screen air cargo but with conditions/a stated expiration date set by these authorities. Modifying or maintaining the screening equipment by personnel other than those instructed or authorised by the manufacturer may invalidate the corresponding results of FAT/SAT, and/or certifications by other authorities, in which case the CAD may consider to revoke the acceptance of such equipment.

4. To ensure personnel safety and performance standard of the screening equipment, maintenance and modification works shall only be carried out by **competent engineers, as instructed or authorised by the manufacturer**. RACSFs may be required to provide documentary proof to the CAD upon request, to demonstrate that competent engineers are qualified and authorised by the manufacturer or its recognised maintenance agents to maintain and modify the specific make and model of equipment.

5. While maintenance and modification works shall only be carried out as instructed or authorised by the manufacturer, upon completion, RACSFs shall ensure that the screening equipment **continues to meet the performance standard** required. This could normally be achieved by verifying with the manufacturer or its recognised maintenance agents through supporting documents such as SAT reports and service reports. RACSFs shall retain such documentary proof, and present them to CAD upon request to show that the maintenance or modification works are authorised by the manufacturer or its recognised agents; and to show the assurance of performance standard by the manufacturer or its recognised agents.

6. **Before introducing any significant modification** to the screening equipment, RACSFs shall submit a “[Notification of Change](#)” form for consideration by the CAD. Examples of significant modifications include but not limited to changes to the X-ray generator, detector or software of the screening equipment as they may affect detection performance and/or render the certification of the equipment nullified. In case of any doubt whether a proposed modification is significant or not, RACSFs shall approach the CAD for enquiry in advance. Relevant calibration and maintenance records shall also be maintained for at least 2 years for inspection purposes.

7. For the avoidance of doubt, the following may render a screening equipment unqualified, and using such equipment for screening air cargo would constitute committing a **major deficiency** by the RACSF:

- i) maintenance and modification works not being carried out by **competent engineers as instructed or authorised by the manufacturer**;
- ii) maintenance and modification works not being instructed or **authorised by the manufacturer**;
- iii) failure to provide documentary proof to show the **maintenance personnel’s competence** or authorization by the manufacturer;
- iv) failure to provide documentary proof to show that the screening equipment **continues to meet the performance standard** required upon maintenance or modification works;
- v) Significant modification was made to the screening equipment **without the CAD’s acceptance of Notification of Change**.

8. The CAD has also included the above elaboration in the note under “[List of Screening Equipment](#)” on its departmental website.

### **Enquiries**

9. For enquiries, please contact the CAD at 2910 8695, 2910 8696 and 2910 8697 during office hours (09:00 – 12:00; 14:00 – 17:00) daily, except Saturday, Sunday and public holidays.

October 2026

Aviation Security Section  
Airport Standards Division  
Civil Aviation Department