

Objective

To approve dosimetry services which can demonstrate:

Reasonable Accuracy
Rapid response in case of emergency

High reliability
Communicates results in reasonable time

Application

Covering letter
Statement of Service (SoS)
Administration fee
Performance test – (new applications)



If the application is not complete it will be returned to the service by the HSE ADS Administrator

Performance testing

Performance testing is only carried out in cases where a test has been specified;

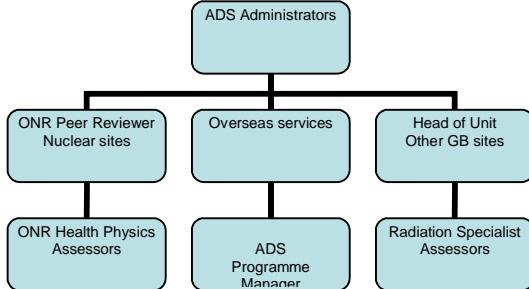
External dosimetry services
 Routine whole body - gamma & fast neutrons
 Routine extremity/skin - gamma
 Special accident whole body – gamma

Internal dosimetry services
 Tritium in urine

Performance tests are required for new applications; Within 3 months prior to application
 For existing approvals; At least every 18 months

Band A - successful test (New applications must be Band A)
 Band B – intermediate (in house (ADS) review required)
 Band C – failed (Immediate review required and an action plan to improve service & retest required)

Assessment allocation



Assessment process

Assessor checks SoS against RADS¹ & completes checklist

All required information?
 Serious deficiencies?
 Generic issues?
 Assessor prepares a strategy for inspection

Inspection

- Examine main features of service
- Discuss any issues arising from assessors checklist
- Consider whether the service is operating in accordance with SoS
- Check that the Service meet criteria in RADS¹
- Assess whether the performance tests are adequate

Assessment Report

Assessor produces an Assessment report for Peer Reviewer & ADS Programme Manager

Reassessment

Five years for assessing services
Seven years for co-ordination and record keeping
 or
Where changes have been made which might effect the accuracy or reliability of the service

Approval

Certificate issued following payment of fee
 valid until withdrawn by HSE

Peer Review (Carried out for all assessments)

Purpose of peer review;

- Review assessors report and recommendation
- Check due processes of assessment
- Ensure consistent approach
- (Technical review of suitability of dosimetry system)



Peer Reviewer actions;

- o Complete and sign peer review checklist
- o Endorse and sign assessment report
- o Complete and sign recommendation report
- o Send report to programme manager via ADS Administrator

References

1. Requirements for Approval of Dosimetry Services (RADS) documents: General Guidance for Dosimetry Services, RADS 1: Requirements for Approval of External Dosimetry Services, RADS 2: Requirements for Approval of Internal Dosimetry Services, RADS 3: Requirements for Approval of Co-ordination and record keeping Dosimetry Services, RADS REPPIR Supplement: Requirements for Approval of Dosimetry Services under REPPIR, GADS4: Guidance on individual monitoring of internal radiation