



DF 55: Dissemination of Low Volume Rural Road Knowledge and Experience

Main Course
Quality Assurance

Presented by Dr J Cook

DF 55: Dissemination of LVRR Knowledge and Experience



Presentation Focus

- QA Requirement**
- QA of Main Courses**
- Comments**

DF 55: Dissemination of LVRR Knowledge and Experience



Quality Assurance

Quality Assurance (QA): A series of actions necessary to provide appropriate confidence that a product or service will satisfy the defined requirements.

DF 55: Dissemination of LVRR Knowledge and Experience



DF 55: Quality Assurance

For DF55 - QA was required to ensure that the completed courses were “fit for purpose” in relation to the project objectives as detailed in the ToR.

This was considered as a series of tasks undertaken as an internal Technical Audit by the appointed consultant.

DF 55: Dissemination of LVRR Knowledge and Experience

QA Task 1: Ensure Course Structure was appropriate

QA Task 2: Ensure Key Issues were included

QA Task 3: Ensure Content was presented effectively

QA Task 4: Ensure meaningful Candidate Assessment

QA Task 5: Reporting



Course Structure

The course structure complied with the general requirements of the training programme in that it comprised a suitable balance between formal lectures, group discussion and practical exercises.

DF 55: Dissemination of LVRR Knowledge and Experience



Course Content

The course content complied with the general requirements of the training programme by containing Engineering Modules that covered the key identified issues of

- Appropriate Standards
- Sustainable road design
- Appropriate construction procedures
- Construction quality control
- Affordable maintenance

DF 55: Dissemination of LVRR Knowledge and Experience



Course Delivery- I

- (a) Lecture handouts – substantial and useful documents well collated and appropriately distributed.
- (b) Lectures in a satisfactory and professional manner. Increased focus on key issues. Some limitation on the understanding of the course content by the trainers
- (c) Discussion sessions were initially difficult but rapidly improved as the courses progressed

DF 55: Dissemination of LVRR Knowledge and Experience



Course Delivery- II

(d). Hands-on training was satisfactorily undertaken. Suggestions on the need for more focus on the reasons testing were adopted.

(e) Fieldwork exercises were satisfactorily planned and supervised. More time allocated to fieldwork ? Also comments as above regarding emphasis on objectives.

DF 55: Dissemination of LVRR Knowledge and Experience



Assessment

Agreed assessment procedures were satisfactorily carried out.

No formal examinations were carried out and hence no independent assessment could be made as to how much individual participants benefited from the courses.

No formal “marking” was made of the fieldwork group presentations, although subjective assessments were made by the individual consultants.

DF 55: Dissemination of LVRR Knowledge and Experience



Reporting

The final reporting covers all the issues identified in the Inception Report

DF 55: Dissemination of LVRR Knowledge and Experience



Comments



1. Limitations to employing the “ToT” approach to disseminate broad subjects.

Recommendation Trainers be backed by the full-time support of a relevant specialist.

2. Learning by practice is an extremely effective way of transferring knowledge and in giving learners confidence in using new techniques.

Recommendation More fieldwork time should be allocated

3. Difficulty in objectively assessing the success without some form of formal marking system.

Recommendation Professional Accreditation - satisfactory completion of technical courses to an agreed level



Summary



	QA TASK	Status
1	Structure	√
2	Content	√
3	Delivery	√**
4	Assessment	√**
5	Reporting	√

**** with comments**

DF 55: Dissemination of LVRR Knowledge and Experience



Conclusion



From QA viewpoint the completed courses were “fit for purpose” in relation to the project objectives as detailed in the ToR.

DF 55: Dissemination of LVRR Knowledge and Experience