

ANNEX 11

KISII TRAINING CENTRE ROAD MAINTENANCE MANUAL - TRAINING CURRICULUM

TRAINING OBJECTIVE

At the end of the course the participants should be able to:-

Maintain all Public roads in Kenya effectively to good quality and economically.

COURSE:	ROAD MAINTENANCE	REF. NO.
MODULE:	INSPECTION MANUAL	P 1
SUBJECT:	ROAD WORKS TERMINOLOGIES	P 1.2
SPECIFIC OBJECTIVE (S)	At the end of the lesson the participant should be able to:- (1) Define the terminologies used in roads and structure correctly.	
KEY POINTS	<ul style="list-style-type: none"> - Terms - Sketches 	
BASIC METHODOLOGICAL REFERENCE	LESSON ORGANIZATION <ul style="list-style-type: none"> - Lectures - Discussions 	
	TEACHING AIDS AND OTHER REQUIREMENTS <ul style="list-style-type: none"> - Flip charts - Overhead projector - Lecture hall. 	
	TIME REQUIRED:	1 HOUR

COURSE:	ROAD MAINTENANCE	REF. NO.
MODULE:	INSPECTION MANUAL	P 1
SUBJECT:	INSPECTION ITEMS	P 1.3
SPECIFIC OBJECTIVE (S)	At the end of this lesson the participant should be able to:- (1) Define road defects. (2) Identify different road defects correctly. (3) Identify causes of road defects correctly. (4) Explain the effects of selective road maintenance. (5) Measure the defects accurately. (6) Explain the importance of ranking the defects correctly.	
KEY POINTS	<ul style="list-style-type: none"> - Definition - Defects - Causes - Effects - Measurement - Ranking 	
BASIC METHODOLOGICAL REFERENCE	LESSON ORGANISATION <ul style="list-style-type: none"> - Lecture - Discussion - Demonstration - Site visit 	
	TEACHING AIDS AND OTHER REQUIREMENTS <ul style="list-style-type: none"> - Flip charts - Overhead projection - Lecture hall - Physical site - Tools - Forms 	
	TIME REQUIRED	12 HOURS

COURSE:	ROAD MAINTENANCE	REF. NO.
MODULE:	INSPECTION MANUAL	P1
SUBJECT:	INSPECTION FORMS	P1.4
SPECIFIC OBJECTIVE (S)	At the end of this lesson the participant should be able to:- (1) Identify the forms used in road inspection correctly. (2) Follow the inspection procedure correctly. (3) Use the forms correctly.	
KEY POINTS	<ul style="list-style-type: none"> - forms (PR, UR, RF, /RS, DSS and URB) - Procedures - Usage 	
BASIC METHODOLOGICAL REFERENCE	LESSON ORGANISATION <ul style="list-style-type: none"> - Lecture - Demonstration - Discussion - Exercise 	
	TEACHING AIDS AND OTHER REQUIREMENTS <ul style="list-style-type: none"> - Flip charts - Overhead projection - Lecture hall - Site - Forms 	
	TIME REQUIRED	6 HOURS

COURSE:	ROAD MAINTENANCE	REF. NO
MODULE:	INSPECTION MANUAL	P 1
SUBJECT:	FREQUENCY OF INSPECTION	P1.5
SPECIFIC OBJECTIVE (S)	At the end of this lesson, the participant should be able to:- (1) Identify the frequency of carrying out inspection activities correctly. (2) Prepare inspection schedules correctly.	
KEY POINTS	<ul style="list-style-type: none"> - Seasons - Routine - Urgent - Schedules 	
BASIC METHODOLOGICAL REFERENCE	LESSON ORGANISATION <ul style="list-style-type: none"> - Discussions - Lecture - Exercises 	
	TEACHING AIDS AND OTHER REQUIREMENTS <ul style="list-style-type: none"> - Flip charts - Overhead projection - Lecture hall 	
	TIME REQUIRED	2 HOURS

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COURSE:	ROAD MAINTENANCE	REF. NO.
MODULE:	INSPECTION MANUAL	P1
SUBJECT:	SAFETY MEASURES	P1.6
SPECIFIC OBJECTIVE (S)	At the end of the lesson the participant should be able to:- (1) Identify the risks while carrying out the safety road measures inspection (2) Identify safety measures during inspection. (3) Apply control measures correctly.	
KEY POINTS	<ul style="list-style-type: none"> - Risks - Measures - Procedures 	
BASIC METHODOICAL REFERENCE	LESSON ORGANISATION - Lecture - Discussion - Demonstration	
	TEACHING AIDS AND OTHER REQUIREMENTS - Flipcharts - Overhead projector - Lecture hall - Road signs	
	TIME REQUIRED	2 HOURS