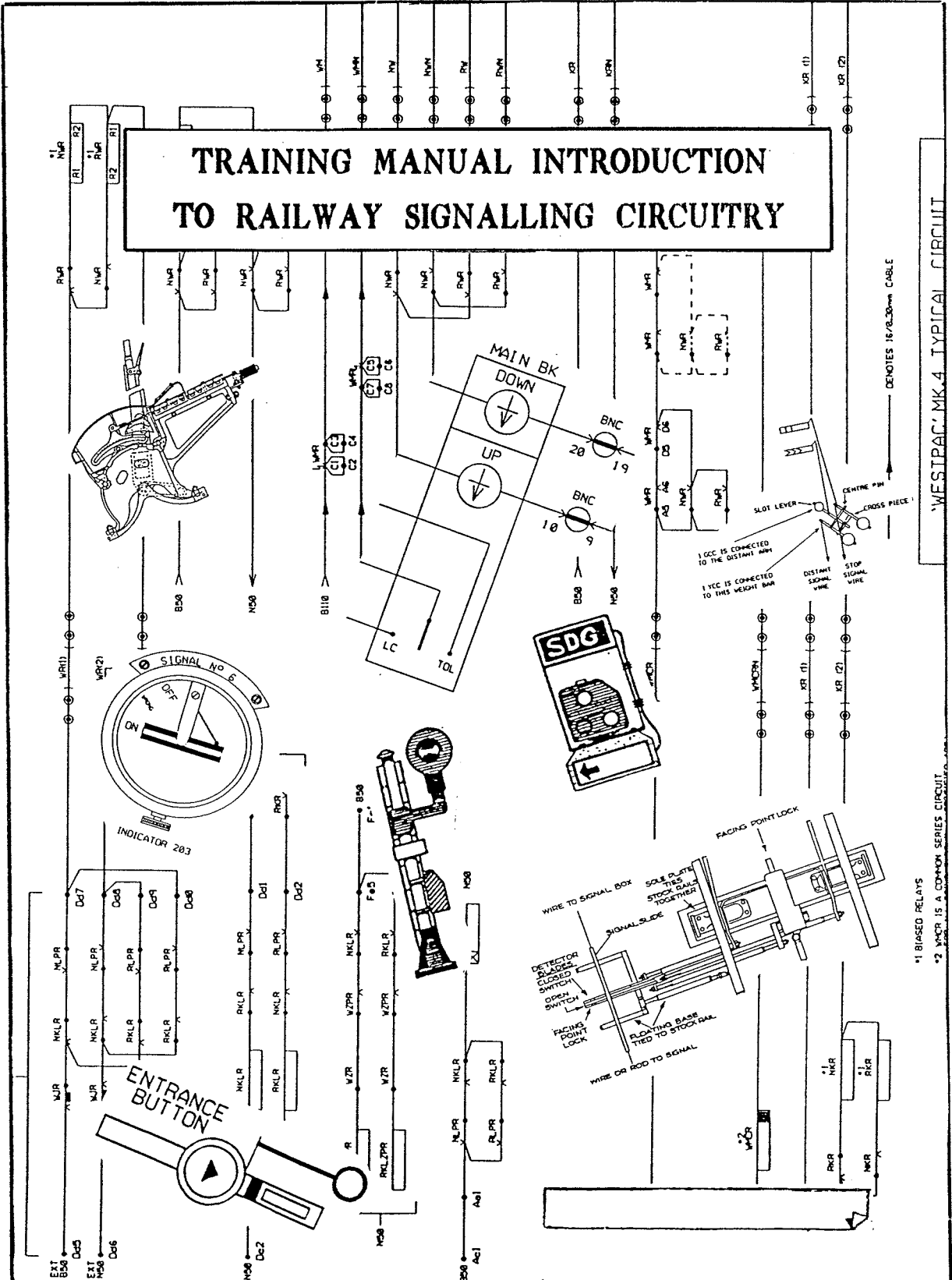


CENTRAL SERVICES SIGNALLING PROJECTS GROUP

TRAINING MANUAL INTRODUCTION TO RAILWAY SIGNALLING CIRCUITRY



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PREFACE

Introduction

The principal aims of our staff policies are to attract, retain and develop people who:

- * are committed to excellence and providing the highest quality service
- * use their best judgement in their work and dealings with others
- * have the ability to influence their own development and establish goals to realise their full potential
- * are creative and can generate ideas and solutions to problems

Our training programme is dedicated to helping you develop the competencies you need to provide the highest quality service to our customers.

Your successful development depends upon you making the best possible use of our commitment to training. The aim of this Training Course and Manual is to give you an introduction to Railway Signalling Circuitry, to prepare you for work experience and more advanced study.

I encourage you, with the help of your Trainer, to use this Training Manual and its associated course to ensure you thoroughly understand the subjects covered.



D G RIDGERS
Group Manager, Signalling Projects Group - West Midlands.

This training Manual is your personal copy and is provided as part of a course in which you are required to participate, undertake exercises and achieve competencies in the subjects covered. The training manual is for use only with qualified instructor driven training. It is NOT for "self teach" and will not be updated after this issue. It must not be photo-copied, re-produced or used for any other purpose.

BIBLIOGRAPHY

During the compilation of this manual reference was made to the following publications and course notes:-

INTRODUCTION TO RAILWAY SIGNALLING - TRAINING MANUAL	K.H. TIMMINS/A. REYNOLDS
BRITISH RAILWAY SIGNALLING.	G. M. KICHENSIDE/A. WILLIAMS.
RED FOR DANGER.	L.T.C. ROLT.
RAILWAY SIGNALLING.	O.S. NOCK.
I.R.S.E. LITERATURE.	
RAILWAY CONTROL SYSTEMS.	M. LEACH.
RAILWAY ENGINEERING SCHOOL, DERBY, COURSE NOTES FROM THEIR "SIGNALLING TECHNOLOGY" COURSES.	
OSCAR SERIES OF BOOKLETS	CROYDON PROJECTS OFFICE.
B.R. SIGNALLING HANDBOOK	STANLEY HALL.

The trainee would benefit greatly from reading the above publications when researching Railway Signalling in greater depth than that covered by the scope of this basic manual.

The trainee must always remember that this training manual, although a useful training document is for information only.

For all up-to-date principles and practices reference must be made to the current Signalling Standards.

"INTRODUCTION TO RAILWAY SIGNALLING CIRCUITRY"
compiled by:-

Keith. H. Timmins, Andy Reynolds, Harold Foulkes & Roy Campbell.
(Signalling Projects Group - West Midlands)