## ELECTRICAL APPRENTICE MANUAL

ISSUED TO: A. PRUSEK TRADE: TRU ELECTER DATE: 13-2-81

ISSUED BY: G. D. Raneberg - Foreman Electrical Apprentice
Training Shop

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For use by first year apprentices indentured as:-

ELECTRICAL MECHANICS SCIENTIFIC INSTRUMENT MAKERS REFRIGERATION MECHANICS RADIO MECHANICS ARMATURE WINDERS

This manual is issued at the commencement of apprenticeship as a guide to the subjects which the apprentice will be expected to learn, as a record of training received, and as a reference source.

Detailed information, sketches, diagrams, charts, tables etc., are set out in the manual to minimise the time taken by the apprentice in taking notes, to allow the apprentice to concentrate fully on the lecture being given, to guarantee that the apprentice is given all necessary and relevant data, and to make the work of the lecturer more effective.

It is the responsibility of the above named apprentice to ensure that this manual is kept in good condition, and that all relevant data is entered into the Manual at the appropriate time.

Additional notes may be entered neatly into the manual on the blank pages provided, or on paper supplied on request.

This manual may not be removed from the Electrical A.T.S. without permission.

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PULSE OF LIFE		13-2-81	FIFTH TO OWE			20-3-
POLL OF DRUMS		13-2-81				27-3
DON'T LET HIM DI	•		1			8-4-
•			HOWTO HAVE AN ACIDIN			1
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TO LIVE IN DIFKER		•	DANGEROUS		2	14-8-
SAFETY HANDBOOKS ISSU	ŒD		<del> </del>		DATE	
ELECTRICAL SAFETY H	NDBOOK					13-2-51
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CRINDING WHEEL HANDS						<u> </u>
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## 1ST YEAR WORK RECORD

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PROJECT DESCRIPTION	DATE STARTED	HRS. WORKED	CHECKED BY
Marking off Project			
Making set of Angle gauges			·
Making Inside and Outside Calipers			
Making a 'G' Clamp			
Making Dividers			
TEST I			
TEST II		<del></del>	
Making a Table Vice			
Making a Footprint Wrench			
Making a Toolmaker's Clamp			
Hemmer-work Project I			
Hammer-work Project II			
Making a Buzzer			
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Making extension cable			
Wiring up power outlet			
Simple lighting circuit			
2-way switching circuit		9	· · · · · · · · · · · · · · · · · · ·
3-way switching circuit.			
3-Heat circuit			· · · · · · · · · · · · · · · · · · ·
Simmerstat circuit			
Re-wiring an Urn			
Fluorescent lamp circuit			·
Sodium Vapour lamp circuit			
Mercury Vapour lamp circuit			
Lumatrol control circuit			
Wiring up a Fuseboard			•
Installing cable in conduit			
Simple control circuit			
Control circuit - FVD/REV			
Control circuit - electrical interlock			<del></del>
Power and Control circuit			
Safety circuit			
Local/Remote control			· · · · · · · · · · · · · · · · · · ·
Sequence control		•	
Auto/Manual control			
Compounding & speed control			
Soldering			
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