



Electrical Fitter Revision Program

29th Nov to 01st Dec 2021

Monday 29/11/2021	Orientation <ul style="list-style-type: none"> • Isolations Procedures • Danger Tag • MEN System 	4 Hours	Geoff Fielding
	Underpinning Knowledge <ul style="list-style-type: none"> • Ohms law, Power calculation • AC theory, 3 Ø calculations Three Phase Motors <ul style="list-style-type: none"> • DOL starters • Star / Delta starters • Primary Resistance starters • Auto Transformer starters Single Phase Motors <ul style="list-style-type: none"> • Split Phase • Capacitor Start • Capacitor Start/Run 	4 hours	
Tuesday 30/11/2021	Single & Three Phase Motors <ul style="list-style-type: none"> • Circuit Diagrams and Connections • Testing of Three Phase Motors & Single Phase Motors Transformer Theory <ul style="list-style-type: none"> • Single Phase • Three Phase 	4 hours	Geoff Fielding
	Fault Finding <ul style="list-style-type: none"> • 1 & 3 PH Motors • 1 & 3 PH Transformers • Appliances Testing AS/NZS 3760 	4 hours	
Wednesday 01/12/2021	Motor Theory - Controllers <ul style="list-style-type: none"> • VSD's • PLC's - Zelio 2 Software and Program design 	4 hours	Geoff Fielding
	Theory Assessment Practical Assessments	4 Hours	