



IQY Technical College

Australia

THIS IS TO CERTIFY THAT

Peter

Student Number: xxxxxxx

HAS FULFILLED THE REQUIREMENTS FOR

UEE62122

Advanced Diploma of Engineering Technology-Electrical

TRAINING AND COMPLIANCE MANAGER

DATE ISSUED: 18-11-25 CERTIFICATE NUMBER: IAu-027755
IQY TECHNICAL COLLEGE AUSTRALIA LTD, RTO CODE xxxx



Verification



Reference:IAuxxxxx





IQY Technical College

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RECORD OF RESULTS FOR

UEE62122

Advanced Diploma of Engineering Technology-Electrical

ACHIEVED BY

Peter

Student Number: XXXXXXXXX

UNIT CODE	UNIT DESCRIPTION	RESULT
UEECD0046	Solve problems in single path circuits	Competent
UEECD0044	Solve problems in multiple path circuits	Competent
UEECD0007	Apply work health and safety regulations, codes and practices in the workplace	Competent
UEECD0024	Implement and monitor energy sector WHS policies and procedures	Competent
UEECD0016	Document and apply measures to control WHS risks associated with electrotechnology work	Competent
UEECD0019	Fabricate, assemble and dismantle utilities industry components	Competent
UEECD0020	Fix and secure electrotechnology equipment	Competent
UEEEL0020	Solve problems in low voltage (a.c.) circuits	Competent
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications	Competent
UEECD0025	Lay wiring/cabing and terminate accessories for extra-low voltage (ELV) circuits	Competent

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UNIT CODE	UNIT DESCRIPTION	RESULT
UEEEL0021	Solve problems in magnetic and electromagnetic devices	Competent
UEEEL0019	Solve problems in direct current (d.c.) machines	Competent
UEEEL0042	Develop engineering solutions for d.c. machine and control problems	Competent
UEEEL0079	Plan and analyse LV electrical apparatus	Competent
UEECD0005	Apply physics to solving electrotechnology engineering problems	Competent
UEECD0004	Apply material science to solving electrotechnology engineering problems	Competent
MEM30027	Prepare basic programs for programmable logic controllers	Competent
ICTICT214	Operate application software packages	Competent
UEEEL0077	Evaluate and report on the performance of LV machines	Competent
UEEEL0041	Develop engineering solution for synchronous machine and control problems	Competent

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UEEEL0043	Develop engineering solutions for induction machine and control problems	Competent
UEERE0013	Develop strategies to address environmental and sustainability issues in the energy sector	Competent
UEECD0017	Establish and follow a competency development plan in an electrotechnology engineering discipline	Competent
UEECD0003	Apply industry and community standards to engineering activities	Competent
UEECD0056	Apply methods to maintain currency of industry developments	Competent
UEECD0036	Provide engineering solutions for problems in complex multiple path circuits	Competent
UEERE0064	Design renewable energy heating systems	Competent
UEEEL0080	Plan and analyse wiring systems, circuits, control	Competent

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UNIT CODE	UNIT DESCRIPTION	RESULT
UEEEL0062	Provide engineering solutions to problems in complex polyphase power circuits	Competent
UEEE0075	Troubleshoot single phase input d.c power supplies	Competent
UEERE0066	Develop effective engineering strategies for energy reduction in buildings	Competent
UEECD0049	Use advanced computational processes to provide solutions to energy sector engineering problems	Competent
UEERE0061	Design grid-connected photovoltaic power supply systems	Competent
UEERE0063	Design off-grid photovoltaic/generating set systems	Competent
UEECD0014	Develop design briefs for electrotechnology projects	Competent
UEECD0026	Manage risk in electrotechnology activities	Competent

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UNIT CODE	UNIT DESCRIPTION	RESULT
UEECD0059	Write specifications for electrical engineering projects	Competent
UEECO0001	Estimate electrotechnology projects	Competent
UEEEL0015	Manage large electrical projects	Competent
UEEEL0058	Plan large electrical projects	Competent
UEECO0017	Source and purchase material/parts for installation or service jobs	Competent
UEECD0010	Compile and produce an energy sector detailed report	Competent

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