



# QUALITY PEOPLE

Contracting | Recruiting | Consulting | Vocational Training

## ILS PRACTITIONER COURSE INFORMATION

### ILS PRACTITIONER COURSE

**When:** 15<sup>th</sup> – 23<sup>rd</sup> April 2024

**Duration:** 6 Days

**Location:** Virtual

**Course Fee:** \$3297 inc. GST

Full Payment required on acceptance and non-refundable.

Interested in building a successful professional career within Integrated Logistic Support (ILS)? This is the course to get you there. The ILS Practitioner Course is designed for current serving ADF personnel from both technical and non-technical backgrounds, commissioned or non-commissioned officers, Veterans and Defence civilians, engineers and related specialists.

#### **Veterans likely suited to careers in ILS:**

- Arms Corps
- Transport, Supply & Logistics
- Maintenance & Engineering
- Defence Technicians – Vehicle, Marine, Electronics, Avionics & Fitters
- C4I – Command, Control, Communications, Computers & Intelligence

#### **Creating career pathways including:**

- ILS Managers/Practitioners
- Program/Project Managers
- Training & Training Development
- Maintenance Supervisors & Planners
- Supply, Procurement, Commercial & Contracts
- Engineering Leads & Configuration Managers

### WHAT IS ILS?

Integrated Logistic Support (ILS) was originally developed by the US Defence Force post WWII. Equipment and systems became more complex, requiring greater technical expertise in management to run smoothly. Costs to support and maintain these systems was also escalating. A better system was needed to keep costs down whilst still providing effective use of these capabilities when and where required.

ILS is an equipment and supporting system whole of life discipline. It is used to improve the reliability, availability and maintainability of the equipment and/or systems. It consists of logistics planning and management activities that are focused on achieving and sustaining the long-term preparedness and cost-effective support to these systems.

This course will provide an insight into the core elements, strategies and analysis techniques that are used in ILS and how it directly supports a sound Systems Engineering management process.



# EXPERT TRAINING

With over 45 years of Acquisition and Sustainment experience in Defence and Industry, our expert ILS Manager, Shane, developed this ILS Practitioner Course to bridge the gap in the Defence Industry and share his extensive ILS knowledge.

His expertise include all areas of LORA, LCCA, RCM, FMECA/FMEA, LSAR, ME/MD, CBM/PHM, Spares Modelling, Maintenance Requirements Determination, Technical Authoring including S1000D IETP, using these skills in extensive roles within the Australian Defence Force (ADF), Capability Acquisition and Sustainment Group (CASG), Original Equipment Manufacturers (OEM's) and the Defence Industry.

## COURSE TOPICS

- » Opening Administration & Introductions
- » Acronyms & Abbreviations
- » Integrated Logistic Support (ILS) & the One Defence Capability System (ODCS)
- » ILS & the Support System
- » Logistic Support Analysis (LSA) & DEF (AUST) 5691
- » Relational Database Management System (RDBMS)
- » Logistic Support Analysis Record (LSAR) & DEF (AUST) 5692
- » Tech Data Management (TDM)
- » Configuration Management (CM)
- » Reliability, Availability, Maintainability
  - Testability (RAM-T)
- » Codification & Cataloguing
- » Level Of Repair Analysis (LORA), including:
  - LORA Exercise
- » Spares Optimisation
- » Task Analysis (TA), including:
  - Failure Mode Effects & Criticality Analysis (FMECA)
  - Failure Mode & Effects Analysis (FMEA)
  - Reliability Centred Maintenance (RCM)
  - Condition Based Maintenance (CBM)
- » Life Cycle Costing (LCC), including:
  - LCC Exercise
- » Interactive Electronic Technical Publication (IETP) & S1000D
- » Australian Standard for Defence Contracting (ASDEFCON)
- » The Art of Technical Writing, also including:
  - EMEI & UHB Template Suite
  - Understanding Graphics (raster vs vector)



## TRANSITION INTO A CAREER WITH PURPOSE

Quality People has over 20 years experience working within Defence, across Land, Sea, Air and ICT, Acquisition and Sustainment programs. We are regarded by many within the Defence sector as the go to organisation for engineers, ICT professionals and related specialists aligned to the sector.

Quality People has identified the significant shortfalls of specialist talent to meet the high demand of the generational upgrades across the breadth of Defence. Our ILS Practitioner Course helps to bridge the knowledge gaps of our Veterans aligned to this demand, creating sustainable career pathways, that are rewarding, fulfilling, flexible and create purpose.

## OUR COMMITMENT

Quality People's commitment to your success in building a career in ILS goes far beyond your professional development. Through our vast network across the Defence and ILS aligned industries, we aim to identify prospective employers suited to your career path objectives. Once on your way, we offer continued mentoring, expert career advice and further professional development to support your long term career goals and aspirations.

Note: The ILS Practitioner Course is not a Nationally accredited training course. The information provided is intended to broaden participant's knowledge in ILS and the underpinning Logistic Support elements, enabling you to transition into a valued civilian career.

