

TRAINING PACKAGES 2023



RYCO KNOW HOW TRAINING

COURSE CONTENT



RYCO has developed a series of training programs covering aspects of fluid conveying technology.

From competencies for product selection and assembly practices, through to our own Nationally Recognised Mobile Connector Specialist Course, RYCO has a training solution to meet your needs.

A primary obligation contained in safety legislation, and a key requirement of the Mining Design Guideline (MDG) 41 is that people undertaking design, manufacture, installation and repairs to hose assemblies be regularly trained and assessed to ensure they can competently perform the tasks. Training and assessments conducted should also be accurately recorded.

PAGE	CONTENTS	DURATION*	ASSESSMENT	DELIVERY	SUITED TO
1	PRODUCT TECHNICAL MANUAL	4 Hours	Written & Observation	Online Webinar	Personnel who select parts from the RYCO Technical Manual.
2	PRODUCT TECHNICAL MANUAL & HOSE ASSEMBLY	7 Hours	Written & Observation	Facilitated On-Site	Personnel who select RYCO products to prepare hose assemblies, meeting a given specification.
3	H.A.V.E: HOSE ASSEMBLY VISUAL EVALUATION	2 Hours	Written & Observation	Online Webinar	Those required to visually evaluate the condition of hose assemblers.
4	MOBILE CONNECTOR SPECIALIST	3 Days	Written & Observation	Facilitated On-Site	Those performing the role of RYCO 24•7 Mobile Connector Specialist or similar.
5	ONLINE TRAINING PROGRAMS	Self-Paced	Question & Answer submitted online	Online Self-Paced	RYCO & RYCO 24•7 personnel and customers.
8	RYCO KNOW HOW TRAINING TERMS AND CONDITIONS				
9	2023 TRAINING CALENDAR				
10	TRAINING CONTACT AND LOCATION INFORMATION				

RYCO KNOW HOW TRAINING

PRODUCT TECHNICAL MANUAL - HYDRAULICS

COURSE CODE - RHAU-KH-P01 (ONLINE WEBINAR)

Designed for those who are required to select products from the RYCO Technical Manual on a regular basis.

Completed in conjunction with Hose Assembly or online via a facilitated webinar.

Duration

4 X 1 hour online sessions via Microsoft Teams.

Assessment

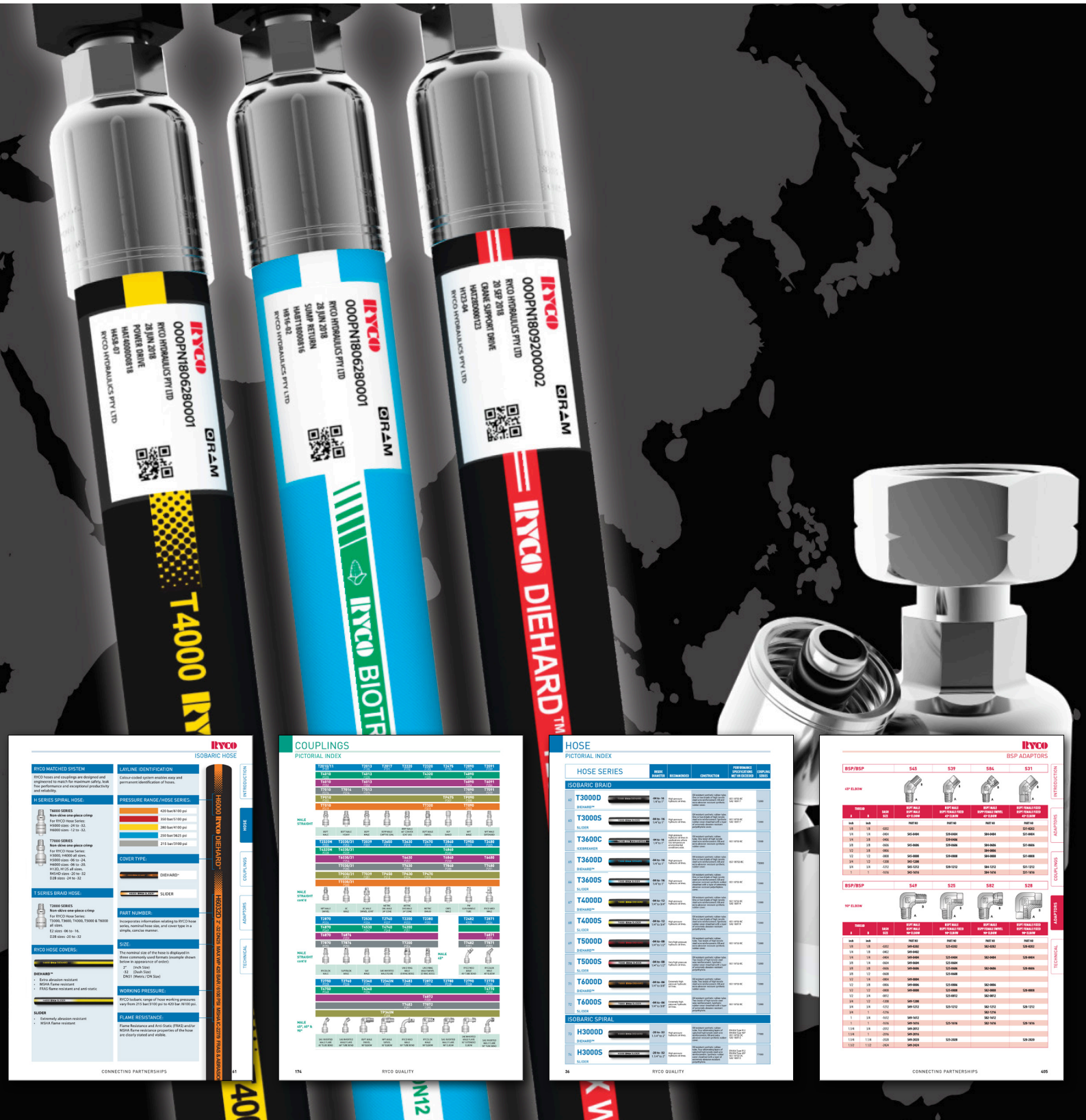
Written and observation.

Certificate

RYCO "Product Technical Manual Training" Certificate.

Topics

- Navigating the Product Technical Manual - Hydraulics Fluid Power Safety
- Introduction to RYCO Hydraulics
- Product Technical Manual Structure & Content Dash and Fractional Sizing
- Interpreting Part Numbers
- SAE J517 Standards
- Hose Types
- Hydraulic Hose Construction



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PRODUCT TECHNICAL MANUAL & HOSE ASSEMBLY

COURSE CODE - RHAU-KH-P01 (ON-SITE) & RHAU-KH-P02 (ON-SITE)

Designed for those required to select RYCO products and components and prepare hose assemblies to meet a given specification on a regular basis.

Duration

7 hours.

Assessment

Written and observation.

Certificate

RYCO "Product Technical Manual & Hose Assembly Training" Certificate.

Topics

- Fluid Power Safety
- Introduction To RYCO Hydraulics
- Product Technical Manual Structure and Content
- Dash and Fractional Sizing
- Adaptor Part Numbers
- SAE J517 Standards
- Hose Part Numbers
- Hose Types
- Hydraulic Hose Construction
- Interpreting RYCO Crimp Chart
- Crimp Die Selection
- Machine Operation
- Assembly Technique
- Hose Assembly Visual Evaluation (H.A.V.E.)

\$490
PER PERSON
EX. GST

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H.A.V.E. - HOSE ASSEMBLY VISUAL EVALUATION

COURSE CODE - RHAU-KH-T16

Module incorporated in Mobile Connector Specialist course.

Assessment

Written and observation.

Certificate

RYCO "H.A.V.E" Certificate.

Topics

- Danger Associate with Hydraulic Hose Failures
- Factors that Accelerate Hose Failure
- Understanding Signs of Hose Failure
- Hose Installation Tips and Techniques

RYCO KNOW HOW TRAINING



MOBILE CONNECTOR SPECIALIST

COURSE CODE - RHAU-KH-MCS (ON-SITE)

Covering duties performed by a Mobile Connector Specialist.

Unit

Nationally accredited AURTTA012 Fabricate & Install Fluid Power Hose Assemblies.

Duration

3 days theory and practical.

Assessment

- Written questions and answers
- Practical demonstration observation
- Field assessment

Certificate

- RYCO Mobile Connector specialist
- AURTTA012 Fabricate & Install Fluid Power Hose Assemblies

Topics

- Identification and Application of The RYCO Product Range
- Threads And Connector Identification
- Hydraulic Hose Identification, Application, Classification
- Hose Couplings Identification and Application
- Hydraulic Adaptors Identification and Application
- Hose Assembly And Installation
- Fluid Injection Safety Awareness
- Hose Assembly Visual Evaluation (H.A.V.E.)
- Thread ID Means and Methods

\$1,480
PER PERSON
EX. GST

RYCO KNOW HOW TRAINING



ONLINE TRAINING PROGRAMS

Duration

Self-Paced

Assessment

Questions and answers are submitted online for review.

Certificate

Credit is awarded upon completion of online modules.

Contact

Training@RYCO.com.au

Topics

- Introduction to Hydraulics
- Thread form basics
- Thread form advanced
- Metric Fittings Introduction
- Skiving Shockwave hose
- SAE J517
- Crimpers & Crimping
- Industry approvals
- Field Attachable training
- Proof test Rigs
- Hose Assembly Visual Evaluation (H.A.V.E.)
- MDG 41
- Understanding filtration
- Fluid injection injuries

Note: New courses are regularly added to the RYCO KNOW HOW online portal.

INJECTION INJURY RESPONSE CARD



INJECTION INJURY RESPONSE CARD

PART NUMBER: RYCO-MKT0256

High pressure injection of a fluid such as hydraulic oil, grease and paint requires immediate medical attention.

RYCO Injection Injury Response Card helps explain the steps required to minimise the detrimental effects of a fluid injection injury.

Contact

To order please contact your local RYCO sales representative.

More information on

www.RYCOKNOWHOW.com

RYCO THREAD ID KIT



RYCO THREAD ID KIT POCKET GUIDE & IDENTIFICATION KIT

PART NUMBER: RYCOMKT0250

- ✓ Thread identification booklet
- ✓ Vernier calliper (digital)
- ✓ Metric thread gauge
- ✓ Imperial thread gauge
- ✓ Pitch gauge
- ✓ 15 cm / 6 inch ruler

Contact

To order please contact your local RYCO sales representative.

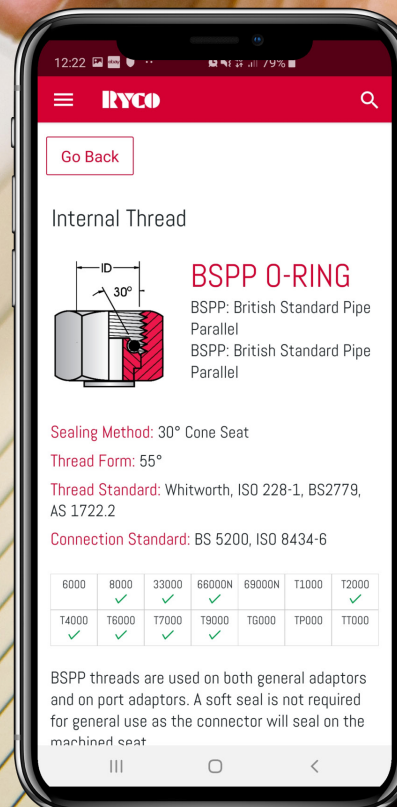
The RYCO **Thread ID Kit** has been developed to assist with identification of hydraulic threads and connectors. Correct identification is of vital importance, as the incorrect application of high pressure connectors presents an immediate safety risk. Selection of hydraulic connectors can be complex due to the vast array of thread and seal types that are commonly available.

RYCO's Thread ID Kit is designed to clear the confusion and provide a reliable fast way to confidently identify Hydraulic connections.

RYCO Thread ID App.

The RYCO Thread ID Mate application enables you to identify hydraulic threads and connectors everywhere you go.

Download it for free from the following stores:



RYCO KNOW HOW TRAINING TERMS AND CONDITIONS

SELECTION, ENROLMENT AND INDUCTION / ORIENTATION

Participants will be nominated by their employer to attend training. The training is beneficial to employees of distributors, OEM businesses and product end users, as well as employees of RYCO Hydraulics and RYCO 24•7.

PROVISION FOR LANGUAGE, LITERACY AND NUMERACY

Where possible, RYCO will utilise its global resources and KNOW HOW to create multilingual training sessions in languages other than English.

STUDENT SUPPORT WELFARE AND GUIDANCE SERVICES

The brief contact time that RYCO has with trainees does not warrant the creation of support services.

FLEXIBLE LEARNING AND ASSESSMENT

RYCO aims to be flexible in the provision of training and assessment tools, so as to meet the needs of the end user. RYCO is willing to discuss and formulate flexible learning and assessment methods, as long as the integrity of the training and assessment tools is not compromised, and there is no unacceptable impost on the Company or its staff.

COMPLAINTS

1. RYCO is committed to ensuring that appropriate standards of behaviour are observed and maintained in all of its business and locations. Accordingly, certain behaviours including (but not limited to) discrimination, bullying, harassment, victimisation and vilification are unacceptable and will not be tolerated.
2. Any attendee at a RYCO training session alleged to have engaged in inappropriate behaviour will be removed from RYCO's premises and will be prohibited from being on RYCO's premise until the allegations have been thoroughly investigated by the relevant employer and RYCO has been advised of and is satisfied with the outcome of the investigation.
3. All reasonable allegations of inappropriate behaviour (including that outlined above) concerning a RYCO employee(s) will be treated seriously and be subject to a thorough and prompt investigation.
4. Any RYCO employee(s) found to have engaged in inappropriate behaviour will be subject to disciplinary action (including termination where justified by the circumstances). Any RYCO manager or supervisor who becomes aware of inappropriate behaviours and fails to take reasonable action to report the inappropriate behaviour and prevent its reoccurrence may themselves be subject to disciplinary action (including termination where justified by the circumstances).
5. Any contractor engaged by RYCO (whether directly or indirectly), alleged to have engaged in inappropriate behaviour will be removed from RYCO's premises and will be prohibited from being on RYCO's premises and/or representing RYCO until the allegations have been thoroughly investigated by the relevant employer and RYCO has been advised of and is satisfied with the outcome of the investigation.

RESPONSIBILITY FOR ACCESS AND EQUITY

It is the responsibility of the trainer to provide fair and equal assessments to participants. Where difficulties arise, the Training and Development Manager may be contacted for advice and assistance.

If an individual or company have concern, please contact HR@RYCO.com.au

2023 TRAINING CALENDAR

JANUARY	FEBRUARY	MARCH	APRIL
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6 7	1 2 3 4	1 2 3 4	1
8 9 10 11 12 13 14	5 6 7 8 9 10 11	5 6 7 8 9 10 11	2 3 4 5 6 7 8
15 16 17 18 19 20 21	12 13 14 15 16 17 18	12 13 14 15 16 17 18	9 10 11 12 13 14 15
22 23 24 25 26 27 28	19 20 21 22 23 24 25	19 20 21 22 23 24 25	16 17 18 19 20 21 22
29 30 31	26 27 28	26 27 28 29 30 31	23 24 25 26 27 28 29 30
MAY	JUNE	JULY	AUGUST
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6	1 2 3	1	1 2 3 4 5
7 8 9 10 11 12 13	4 5 6 7 8 9 10	2 3 4 5 6 7 8	6 7 8 9 10 11 12
14 15 16 17 18 19 20	11 12 13 14 15 16 17	9 10 11 12 13 14 15	13 14 15 16 17 18 19
21 22 23 24 25 26 27	18 19 20 21 22 23 24	16 17 18 19 20 21 22	20 21 22 23 24 25 26
28 29 30 31	25 26 27 28 29 30	23 24 25 26 27 28 29 30 31	27 28 29 30 31
SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2	1 2 3 4 5 6 7	1 2 3 4	1 2
3 4 5 6 7 8 9	8 9 10 11 12 13 14	5 6 7 8 9 10 11	3 4 5 6 7 8 9
10 11 12 13 14 15 16	15 16 17 18 19 20 21	12 13 14 15 16 17 18	10 11 12 13 14 15 16
17 18 19 20 21 22 23	22 23 24 25 26 27 28	19 20 21 22 23 24 25	17 18 19 20 21 22 23
24 25 26 27 28 29 30	29 30 31	26 27 28 29 30	24 25 26 27 28 29 30 31

LEGEND

- Mobile Connector Specialist**
Duration: 3 Days / On-Site
- Product Technical Manual - Hydraulics and Hose Assembly**
Duration: 1 Day / On-Site
- Product Technical Manual - Hydraulics**
Duration: 4 x 1 Hour Sessions / Online
- Australian Public Holiday

NATIONAL PUBLIC HOLIDAYS

01-Jan-23	New Years Day	National
02-Jan-23	New Years Day Holiday	National
26-Jan-23	Australia Day	National
13-Mar-23	Labour Day	VIC
07-Apr-23	Good Friday	National
10-Apr-23	Easter Monday	National
25-Apr-23	Anzac Day	National
12-Jun-23	King's Birthday	National except QLD & WA
25-Sep-23	King's Birthday	WA
29-Sept-23	AFL Grand Final Friday	VIC
02-Oct-23	Labour Day	ACT, NSW & SA
07-Nov-23	Melbourne Cup Day	VIC
25-Dec-23	Christmas Day	National
26-Dec-23	Boxing Day	National except SA

2023 TRAINING, CONTACT & LOCATION INFORMATION

SCHEDULED ON-SITE TRAINING

Training events scheduled in the attached calendar are conducted on RYCO Hydraulic sites.
All RYCO KNOW HOW training conducted on site will follow current COVID-19 safety measures.
Time: 9:00am - 4:30pm.

SCHEDULED ONLINE TRAINING

Events scheduled in the attached calendar are conducted using the Microsoft Teams platform.
Time: 1:00pm - 2:00pm. Invitation will be sent to candidates via email upon registration.

The running of scheduled sessions is subject to number of candidates.
Requests to include a candidate in training should be completed 21 days prior to the published dates.
We will confirm the acceptance of an applicant 14 days prior to course commencement.
Contact us via e-mail or telephone to discuss available options.

CUSTOMISED TRAINING

RYCO KNOW HOW training can be customised in regard to content, location and scheduling.
Custom events are individually costed.

Contact US if you would like to discuss your specific requirements.

For further information please scan the QR code.

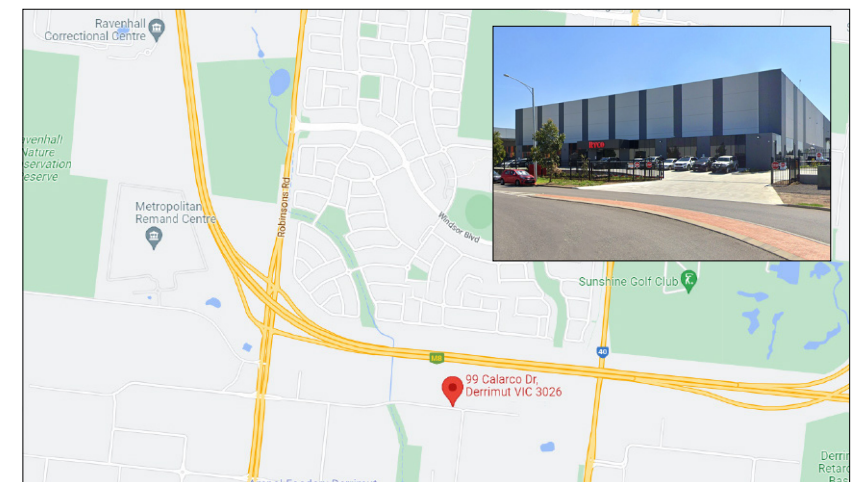


CONTACT DETAILS

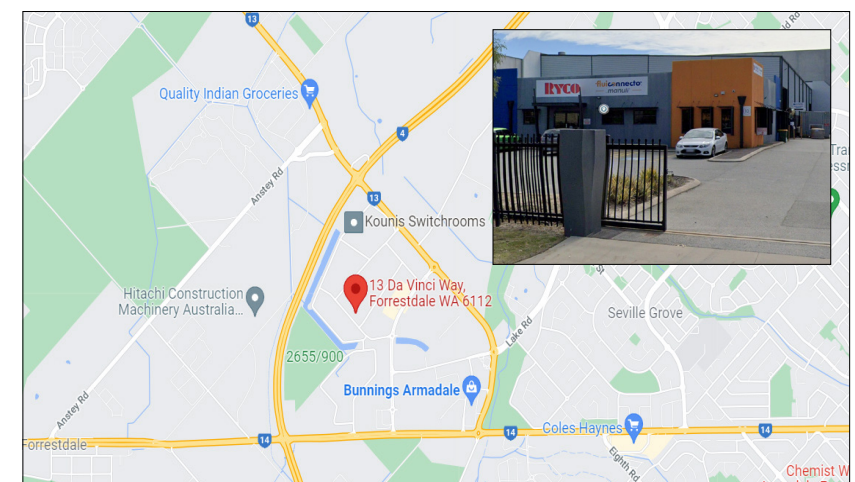
Phone: 1300 111 247

Email: Training@RYCO.com.au

ON-SITE TRAINING LOCATIONS:



RYCO Melbourne - 99 Calarco Drive, Derrimut, Victoria, 3026



RYCO/Fluiconnecto - 13 Da Vinci Way, Forrestdale, Western Australia, 6112



RYCO Brisbane - 97 Northlink Place, Northgate, Queensland, 4013