



*The Australian organisation  
for fluid power and motion  
control professionals*

# **AUSTRALIAN FLUID POWER SOCIETY (INC.)**

## **High Pressure Hose Assembler Certification and Registration Procedure**

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## How To Apply For Registration

The process for the issuing of the *Australian Fluid Power Society Inc.* ('AFPS') High Pressure Hose Assembler ('HPHA') Certificate of Registration is as follows:

1. Applicants shall complete the Certificate II (High Pressure Flexible Fluid Conductors) that equates to a CI2 Engineering Production Candidate with 288 hours on-the-job training.  
  
The certificate is awarded to a successful candidate by the Registered Training Organisation ('RTO') designated to monitor and assess the candidate or through the Recognition of Current Competencies ('RCC') process.
2. On receipt of the appropriate certificate, applicants may then apply to AFPS requesting a High Pressure Hose Assembler registration application package. The package consists of:
  - A certification application form.
  - A checklist in support of the application.
  - A flow chart explaining the process.
3. The original or certified copy of the appropriate certificate, a certified proof of identity, a supporting letter from the applicant's current employer and the completed certification application form, including payment of the AFPS registration fee (currently \$260 per annum), should then be forwarded to the AFPS Executive Officer.
4. AFPS will send the applicant a written communication of acknowledgement to confirm receipt of the application form.
5. AFPS will appoint a registered Assessor to examine the applicant's documentation and verify that all registration criteria have been met. The AFPS-appointed Assessor will contact the applicant's nominated employer to verify relevant information.
6. The appointed Assessor will provide a report to AFPS that recommends the acceptance or the rejection of the registration application. In the event that the application is rejected, the applicant will be advised of the reason(s) for rejection of the application and the estimated cost of reassessment to cover the area(s) of inadequacy in the application.
7. The AFPS executive committee will consider the application before issuing the AFPS High Pressure Hose Assembler registration certificate and registration number, if appropriate.
8. AFPS will not accept High Pressure Hose Assembler registration applications from any Registered Training Organisation (RTO) which applies on behalf of a registration applicant.

## Competency Standards Units

The course is specific to the specialised field of high-pressure, flexible conductor assembly.

Although the course, set out in the following information, has been formulated for 'on-the-job training,' it is not the only method by which the course may be successfully completed. A person completing training provided by a Registered Training Organisation 'off-the-job', shall provide evidence which has been issued by their employer, of their competency in the fabrication of high-pressure flexible conductor assemblies and which is considered to be of an acceptable standard by the AFPS-appointed Assessor.

The most likely procedure by which franchise owners of hydraulic hose assembly companies or employees of those companies, will acquire the certificate is by providing a portfolio of evidence to a RTO that is matched against the course competencies.

All of the information shall be verified by a competent MSKILLS registered Assessor and the information shall be included with an Application for Award form when making application for a Certificate II in Engineering - Production (High Pressure Flexible Fluid Conductors).

# Course: MEM 20105 Certificate II in Engineering - Production

**Field:** Maintenance and Diagnostics

**Course duration:** 302 hours (Recommended)

**Band Specialisation:** A

## Prerequisite units:

The design of this course has clustered the elements of each of the listed competencies below to enable multiple assessment against one or more activities performed 'on the job'. Recognition of current competencies (RCC) and recognition of prior learning (RPL) from past/current employment will be taken into consideration as part of final assessment. NOTE: supporting documentation must be attached to the application.

## Core

MEM13014	Apply principles of Occupational Health & Safety in work environment
MEM14004	Plan to undertake a routine task
MEM15002	Apply quality systems
MEM15024	Apply quality procedures
MEM16007	Work with others in a manufacturing, engineering or related environment

## Elective

MEM05005	Carry out mechanical cutting
MEM09002	Interpret technical drawing
MEM11011	Undertake manual handling
MEM12023	Perform engineering measurements
MEM13003	Work safely with industrial chemicals and materials
MEM16004	Perform internal/external customer service
MEM16005	Operate as a team member to conduct manufacturing, engineering or related activities
MEM17003	Assist in the provision of on the job training
MEM18001	Use hand tools
MEM18002	Use power tools/hand held operations
MEM18071	Connect/disconnect fluid conveying system components
MEM18072	Manufacture fluid conveying conductor assemblies

## Optional

MEM18011	Shut down/isolate machines/equipment
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## Verification Form for Validation

### High Pressure Hose Assembly Course

**Student Name:**

**On Job Supervisor:**

**Assessor name:**

**Registration No:**

Unit	Description	C12		Supervisor		Assessor		Status
		Tick		Date	Initial	Date	Initial	Circle
MEM13014	Apply principles of Occupational Health & Safety in work environment	0		//		//		C / NYC
MEM14004	Plan to undertake a routine task	0		//		//		C / NYC
MEM15002	Apply quality systems	0		//		//		C / NYC
MEM15024	Apply quality procedures	0		//		//		C / NYC
MEM16007	Work with others in a manufacturing, engineering or related environment	0		//		//		C / NYC
MEM05005	Carry out mechanical cutting	2		//		//		C / NYC
MEM09002	Interpret technical drawing	4		//		//		C / NYC
MEM11011	Undertake manual handling	2		//		//		C / NYC
MEM12023	Perform engineering measurements	5		//		//		C / NYC
MEM13003	Work safely with industrial chemicals and materials	2		//		//		C / NYC
MEM16004	Perform internal/external customer service	2		//		//		C / NYC
MEM16005	Operate as a team member to conduct manufacturing, engineering or related activities	2		//		//		C / NYC
MEM17003	Assist in the provision of on the job training	2		//		//		C / NYC
MEM18001	Use hand tools	2		//		//		C / NYC
MEM18002	Use power tools/hand held operations	2		//		//		C / NYC
MEM18011	Shut down/isolate machines/equipment	2		//		//		C / NYC
MEM18071	Connect/disconnect fluid conveying system components	2		//		//		C / NYC
MEM18072	Manufacture fluid conveying conductor assemblies	4		//		//		C / NYC
	<b>1 point is approximately 9 hours of training</b> <b>30 points x 9 hours = 270hours</b> <b>Competency Status Legend</b> <b>C = Competent</b> <b>NYC = Not yet competent</b>	<b>33 Points</b>		<b>Criteria of course completed YES / NO (circle)</b> <b>Assessor:</b> <b>Date:</b>				

# REGISTERED HIGH PRESSURE HOSE ASSEMBLER

