



Materials Australia Certified Materials Professional (CMatP) Handbook

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1.0 Introduction

This handbook is the go-to guide for the Materials Australia Certified Materials Professional accreditation program. The intent of this handbook is to cover the requirements of the CMatP program, including continuing professional development to maintain CMatP accreditation.

2.0 Materials Australia CMatP Accreditation

2.1 What is a CMatP?

A Certified Materials Professional is a person to whom Materials Australia (MA) has issued a certificate declaring that they have attained the required standard and that their achievement is formally recognised by MA.

A Certified Materials Professional (CMatP):

- Is recognised as demonstrating excellence and possessing specialist knowledge in the practice of materials science and engineering through their profession or workplace.
- Is prepared to share their knowledge and skills in the interest of others.
- Is a member of a materials technical association that supports industry, research, education and training.
- Promotes excellence and innovation in materials science and engineering.
- Follows and promotes the Materials Australia Code of Conduct.

2.2 Benefits of Becoming a CMatP

There are a number of benefits to becoming a CMatP. Some of the benefits include:

- Each CMatP will receive a Certificate of Membership, often presented by the State Branch, together with a unique Materials Australia Badge.
- All CMatPs will have access to the exclusive CMatP Web Pages.
- CMatPs will have the opportunity to attend CMatP-only networking meetings.
- CMatPs will be promoted through Materials Australia Magazine and other media channels.
- A Certified Materials Professional can use the post nominal CMatP.
- Materials Australia will actively promote the CMatP status to the community and employers, as well as internationally through our partner organisations.
- A CMatP may be requested to represent Materials Australia throughout Australia and overseas at Government, Media and other important activities.
- Network directly with other CMatP peer groups.
- CMatPs may form a Special interest Group and may take the Leadership role in their Special Interest Group by assisting in the facilitation and distribution of new knowledge amongst peers and members.

2.3 Minimum Requirements to Become a CMatP

To become a CMatP, at least one of the following categories outlined below must be met.

Type of Qualification	Requirements
Degree Level Qualification	Hold a degree level qualification from a materials related course plus at least four (4) years of relevant post graduate materials experience
Diploma Level Qualification	Hold a diploma/advanced diploma qualification from a materials related course, plus at least five (5) years relevant post graduate materials experience
PhD or Masters Qualification	Hold a PhD or Masters qualification from materials related studies, plus at least three (3) years of relevant post graduate materials experience
Materials Related Trade Qualification	Hold a materials related trade (e.g. welding, coating, heat treatment, non-destructive testing, cathodic protection, metallography, etc.) qualification plus at least ten (10) years of relevant materials experience

2.4 Applying for CMatP

Materials Australia members and non-members can apply for CMatP by lodging an online application at www.materialsaustralia.com.au/membership/cmatp. Applicants for CMatP status do not have to be paid up members to apply; they will receive their accreditation (if successful) and membership simultaneously.

The Materials Australia website details the associated application fee and CMatP membership costs.

3.0 CMatP Professional Development Requirements

3.1 Objective

The purpose of undertaking Professional Development (PD) activities is to extend or update a practitioner's knowledge, skill or judgement in their area or areas of practice, which enables them to:

- Maintain technical competence;
- Develop or improve personal and business management skills;
- Retain and enhance their effectiveness in the workplace by being able to help, influence and lead others by example;
- Successfully deal with changes in their career; and
- Better serve the materials community.

3.2 Relevance of PD Activities

Continuing Professional Development must be relevant and measurable to ensure CMatP status has credibility within the materials community. Professional development is required to be undertaken annually to maintain CMatP status and should comprise components that improve existing (or explore new) knowledge, skills and capabilities for your current role. An important aspect of professional development is the broader commitment of the CMatP to the materials profession via involvement in Materials Australia activities.

It is recognised that, as members progress through their careers, the opportunities for attending technical seminars, conferences or courses may diminish. Hence, credit may be claimed for courses such as business management, risk management, project management, engineering, etc. Where circumstances do not provide an opportunity to undertake the activities identified above to maintain CMatP status, an application may be made to Materials Australia to be involved in other equivalent activities to demonstrate Professional Development. This may be relevant to CMatPs who are working overseas or in isolated areas of Australia.

3.3 PD Points

Professional Development (PD) will be maintained by accruing at least 30 points in a three-year period starting from the first full year of CMatP membership. The table below outlines PD activities and associated points which will be accrued from participation. We encourage all of our members to actively contribute to their local MA Branch by attending technical evenings, presenting technical topics as a CMatP or getting involved with MA publications and conferences.

Activity		Points + Frequency
Presentation at a MA or similar technical meeting		6 pts per Meeting
Presenting at a MA or other engineering conference or seminar		6 pts per Paper/Presentation
Presenting a Materials Australia training course		10 pts per Day
Undertaking a certificated course in an engineering or management topic		2 pts per Day, up to 6 points per Year
Private study on an engineering or management topic (e.g. ASM courses)		6 pts per Course
Supervising a Materials Related PhD or Masters Student		4 pts per Year
Conducting a student marketing campaign		4 pts per Year
Lobbying and investment activities related to the materials sector		4 pts per Year
Making a substantial contribution to a CMatP LinkedIn discussion		1 pt per Year
Writing a Letter to the Editor of Materials Australia magazine		1 pt per Year
Authoring or co-authoring an Article for MA magazine		4 pts per Article
Writing technical articles for a publication	Researchers/academics at universities and research institutes	2 pts per Article
	Industry and other non-government research personnel	6 pts per Article
Registered participant at a MA or other engineering-related conference		4 pts per Day
Registered participant at a MA or engineering/business management course		2 pts per Half Day
Registered participant at a MA or other engineering training course		2 pts per Half Day
Verified attendance at branch technical meetings		1 pt per Meeting
National and Branch Office Bearers and Councillors, Conference Organising Chairman, committees, special interest group leadership	Titled office positions President, Secretary, Treasurer, Chairman	10 pts per Year
	Members without a designated title who are ordinary members of councils and committees	6 pts per Year

3.4 Logging CMatP PD Points

The online PD Log assists CMatP members to record their professional activity. Simply log in to the MA website and follow the links to update your PD points. Here you can enter the details of the event or activity and calculate the points according to the table detailed in Section 3.3. The points entered per event may be audited from time to time as outlined in Section 3.5. Activities not covered in the table in Section 3.3 above can be submitted for consideration by emailing the CMatP Program Coordinator. The Coordinator will confirm eligibility and ascribe associated points that may be claimed.

Any disputes over a nominated PD activity and its eligibility will be dealt with in writing. The decision of the National MA President will be final in this regard.

3.5 CMatP PD Auditing

From time-to-time, the MA CMatP Sub-committee will perform audits of CMatP members' PD to ensure compliance.

As per Section 3.3, to maintain CMatP accreditation, all CMatP members must maintain 30 points over 3 years.

The expectation is that members will maintain their personal development logs online as detailed in Section 3.4.

The audit will be on approximately 10 percent of the membership for a 3-year period, to ensure compliance.

Members selected for audit will be advised of the outcome of the audit in writing no more than 1 month after completion of the audit.

4.0 National CMatP Sub-Committee

Materials Australia has put together a CMatP Sub-committee comprised of a representative from most state branches to champion the CMatP accreditation program (including assisting with review of applications, auditing of CMatP members and responding to general queries regarding the CMatP accreditation process). A full list of state representatives for CMatP can be found on the Materials Australia website. The CMatP Sub-committee reports to the MA National Membership Committee.