

SYDNEY INSTITUTE

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TAFE^{NSW}

Ultimo
College

Supported by



Training Course

The Use of Recycled Materials for Pavements, Earthworks and Drainage

Introduction

The *Use of Recycled Materials for Pavements, Earthworks and Drainage* training course will help engineers, supervisors and construction staff plan and deliver successful civil projects using recycled materials. Utilising recycled materials such as concrete, bricks, tiles and asphalt has become a standard civil engineering practice in NSW. Making use of these materials reduces the need for mining raw materials, makes civil projects more sustainable and will save your business money.

The course content is developed to align with the Institute of Public Works Engineering Australia (IPWEA) and NSW Environment Protection Authority (EPA) Specification for Supply of Recycled Material for Pavements, Earthworks and Drainage, commonly referred to as Greenspec.

Why study at Sydney Institute?

Our training focuses on improving the skills of engineers working in local government, public works and the civil construction industry.

- ▲ Teachers are highly qualified engineers.
- ▲ Low student-teacher ratio ensures personalised attention.
- ▲ Convenient, central location – Ultimo College (next to Central Station and Sydney CBD).
- ▲ Training can also be delivered at your workplace and flexibly at times to suit your business needs.

Course detail

The course will:

- ▲ increase awareness of the use of recycled construction and demolition materials in road pavements, earthworks and drainage
- ▲ provide an update on the relevant legislative framework
- ▲ provide practical guidance on how to successfully plan and use recycled material in civil construction.

Outcomes

On successful completion of the course, participants will:

- ▲ have an improved understanding of the benefits of using recycled materials in civil construction
- ▲ have a working knowledge of relevant legislative requirements and need for conformance by all stakeholders involved in the production and use of recycled materials
- ▲ be able to supervise and/or perform the required testing to ensure compliance with both Roads and Maritime Services (formally RTA) and NSW EPA requirements
- ▲ receive credit for appropriate units of competency from the Certificate IV in Civil Construction depending on skills, experience and knowledge of participants.

Course duration

One full-day workshop and a follow-up site visit.

Course program

Program A: For construction engineers and works officers

Program B: For construction operators

Course information

Workshops will occur on the following dates subject to a minimum of nine participants.

Workshop	Program	Date*	Location**
1	A	20 Mar 2013	Ultimo College, Civil Engineering
2	B	27 Mar 2013	Ultimo College
3	A & B	10 Apr 2013	Newcastle
4	A	17 Apr 2013	Ultimo College
5	A & B	1 May 2013	Nowra
6	B	8 May 2013	Ultimo College
7	A & B	22 May 2013	Wagga Wagga
8	A	29 May 2013	Ultimo College
9	A & B	12 Jun 2013	Tamworth
10	B	19 Jun 2013	Ultimo College

* Site visit will occur on a day that suits the participants.

** Programs can be delivered flexibly, either at your workplace or close by.



Typical recycling operation



Road reconstruction using recycled material

Workshop program

9.00 am – 9.15 am	Registration and welcome
9.15 am – 10.45 am	Session 1 – Introduction and background on waste in NSW
10.45 am – 11.00 am	Morning tea
11.00 am – 12.30 pm	Session 2 – Legislative requirements of use of recycled materials
12.30 pm – 1.15 pm	Lunch
1.15 pm – 2.45 pm	Session 3 – Specifications for supply of recycled materials
2.45 pm – 3.00 pm	Afternoon tea
3.00 pm – 4.30 pm	Session 4 – Guidelines for the placement of recycled materials
4.30 pm – 5.00 pm	Wrap-up and informal discussion
TBC	Site visit (date to be determined)

Who should apply ?

Engineers, works officers and operators in civil construction works.

Fee / price

\$150 (ex. GST) per person.

How to apply

Complete form and email to ray.pozzato@tafensw.edu.au

Organisation: _____

Address: _____

Contact person: _____

Course participant

Name: _____

Phone: () _____

Number of participants: _____

Email: _____

Workshop number (please circle):

1 2 3 4 5 6 7 8 9 10

Enquiries

Ray Pozzato

Phone: 0438 860 168

Email: ray.pozzato@tafensw.edu.au