

CPESC, CESSWI, CPSWQ & CISEC

Professional Competency Exams

By IR AZMAN ABU BAKAR
(PAOR)



ANY IDEA WHO HE IS?



“Jika sesuatu negara itu tidak ada badan kawal selia yang ‘competent’, pegawai teknikal yang berkelayakan dan mencukupi, dokumentasi yang cekap dan latihan yang mencukupi, kita tidak boleh melakukan kawal selia dengan cekap.”

DATUK SERI AZHARUDDIN ABDUL RAHMAN

(Ketua Pengarah Jabatan Penerbangan Awam Malaysia-DCA)

Mingguan Malaysia, 3 September 2017.

COMPETENCY



WHY THE NEED FOR COMPETENCY IN ESC?

Eric Berntsen, CPESC, a senior specialist with Stormwater Unit at California's State Water Resource Control Board:

- “Accelerated erosion is one of Malaysia’s top national environmental issues, owing to rapid and continuing urban development, conversion of rain forests to agriculture and other land-disturbing activities.”
- “Sediment impacts many productive in-stream habitat and near-shore spawning grounds for fish and inundates coral reefs in a country that is one of the most biodiverse in the world.”

WHY THE NEED FOR COMPETENCY IN ESC?

Dato Ahmad Fuad, retired TKP JPS:

- “Regulators, contractors, developers and site engineers were ill-equipped with erosion and sediment control technology.”
- “It made sense to get people certified in this field so they can practice it well.”
- “This would solve a lot of problems with poorly prepared erosion and sediment control plans and weak regulation of earthworks.”



Slope erosion in Cameron Highlands,
Pahang.



Beach erosion in Tanjung Keling,
Melaka.



Wooden debris clogged Baleh and Rajang rivers...There was extensive landslide of between five and 10km on both banks of Sungai Melatai...It is caused by human disregard for the environment through extensive logging activities.



Tonnes of logs and debris came crashing through the river, uprooting trees and causing erosion around the Mesilau and Liwagu riverbanks... eventually got stuck at the treatment plant, causing a sea of dead trees, said to go back up to 1km, causing muddied waters and also damage to the dam(Kimolohing).

A black and white photograph of a man on a boat. He is wearing a dark tank top, shorts, and a backpack. He is standing on the deck, looking out at the ocean. The boat's mast and rigging are visible. The background is a vast, dark sea under a grey sky. A red horizontal bar is overlaid across the middle of the image, with the text "DON'T ASK WHY. ASK HOW" written in white, bold, sans-serif capital letters across it.

DON'T ASK WHY. ASK HOW

PROFESSIONAL COMPETENCY EXAMINATIONS AVAILABLE IN MALAYSIA

1. CPESC

- Certified Professional in Erosion and Sediment Control.
- This program was created to provide professional credentials for individuals working to manage erosion and sediment control issues for land-disturbing activities.
- Issued by EnviroCert International, Inc. (ECI)
- First CPESC Review Classes and Exam were introduced in Malaysia in August 2006 (3-4days).



- **CPEESC have been trained and tested on each of these subjects and have proven their proficiency on subjects including but not limited to:**
 - a. *Regulations*** – Federal, State & Local
 - b. *Permitting*** – types, authorities and methods
 - c. *Permitting application requirements for*** – municipalities, construction activity and industrial activity
 - d. *Erosion & Sediment Site Planning and Management including:*** resource planning, hazards associated with urban development, land development plans, scheduling and implementation
 - e. *Predicting Soil Loss*** – via the Revised Universal Soil Loss Equation (*RUSLE*) and the Modified Universal Soil Loss Equation (*MUSLE*)
 - f. *Procedures for estimating Gross Erosion including:*** sheet, total and wind erosion
 - g. *Runoff Management Planning*** and the associated equations and considerations to address: soil permeability, precipitation and hydrologic cycle
 - h. *Soil Stabilization Mechanisms*** (Erosion Control) including: vegetation, bio-technical protection, soil tackifiers and stabilizers, turf reinforcement mats, hydraulically applied erosion control products, erosion control blankets and other related technologies.

PROFESSIONAL COMPETENCY EXAMINATIONS AVAILABLE IN MALAYSIA

2.CESSWI

- Certified Erosion, Sediment and Stormwater Inspector
- This program was created to provide professional credentials for individuals who have proven they are technically qualified to provide consistent and competent site inspections for compliance with appropriate local, statewide, and national laws and regulations.
- Issued by EnviroCert International, Inc. (ECI)
- First CESSWI Review Classes and Exam were introduced in Malaysia in June 2010 (4 days).



PROFESSIONAL COMPETENCY EXAMINATIONS AVAILABLE IN MALAYSIA

3. CPSWQ

- Certified Professional in Stormwater Quality.
- This program was created to identify professionals with a comprehensive knowledge & understanding of erosion, sediment and stormwater Regulations.
- Certified Inspectors are recognized by state and federal regulators as qualified professionals in their field.
- Issued by EnviroCert International, Inc. (ECI)



- **CESSWI/CPSWQ have been trained and tested on each of these subjects and have proven their proficiency on subjects including but not limited to:**
 - a. *Regulations*** – Federal, State & Local
 - b. *Permit application requirements*** for: municipalities, construction activity and industrial activity
 - c. *Enforcement and penalties***
 - d. *Safety issues*** ranging from: insects, animals & plants to hazardous materials
 - e. *Communication issues*** regarding: meetings, working with site personnel and addressing communication challenges and difficult situations
 - f. *Documentation***: note taking & reporting, effective use of photos & videos, site drawings & map management
 - g. *Compliance resolution & enforcement actions***
 - h. *Appropriate inspection skills*** ranging from pre-inspection processes through inspection and finally post-inspection follow-through
 - i. *Plan management***
 - j. *Best Management Practices*** for each of the technologies included in: Erosion Control, Sediment Control, Runoff Control, Materials Management and Post-Construction Management

Program requirements for CPESC, CESSWI, CPSWQ

QUALIFICATIONS	MINIMUM WORKED EXPERIENCES IN RELATED FIELD ON EROSION AND SEDIMENT CONTROL PLAN (ESCP)
SPM/ STPM/ Diploma	3 years
Bachelors Degree (in Engineering, Science, Planning or Construction Management areas)	2 years
Master Degree and above (in Engineering, Science, Planning or Construction Management areas)	1 year
In Training	1 year

About EnviroCert International, Inc. (ECI)

- A non-profit organization leader in stormwater certification industry.
- Administers FIVE (5) Professional Certification Programs in United States and over THIRTY (30) countries – CPESC, CESSWI, CPSWQ, CPMSM (Municipal Stormwater Management) and CPISM (Industrial Stormwater Management).
- “ECI program has been vetted by hundreds of people and addressed many sectors, not just constructions... ECI Board and committee members include individuals with PhD’s/doctorates, PE in states across the US and numerous other credentials and experiences.”
Robert Anderson (ECI)



PROFESSIONAL COMPETENCY EXAMINATIONS AVAILABLE IN MALAYSIA

4. CISEC

- Certified Inspection of Sediment and Erosion Control
- This program was created to recognize the abilities, skills, experience, and knowledge of inspectors who demonstrate their proficiency in observing, inspecting, and reporting on the implementation of Storm Water Pollution Prevention Plans (SWPPPs) & EMP.
- Issued by CISEC Inc.
- First time offered in Malaysia in January 2017 (4 days).
- Alternative to ECI's programs – ECI claimed that this is a good educational program but not a Professional Certification.

- By passing the examination CISEC Registrant:
 - a. Demonstrates comprehensive knowledge in the principles and practices of controlling sediment, erosion, and storm water pollutants.
 - b. Demonstrates the skills to observe onsite and offsite conditions that impact storm water discharges from active construction sites.
 - c. Demonstrates inspection expertise on BMPs to determine if the mitigation measures will minimize the discharge of pollutants from active construction sites.
 - d. Demonstrates the ability to communicate and report on their inspection of construction sites as to whether compliance situations exist.

Program requirements for CISEC

- CISEC Registrant*

Program Individuals with two or more years of construction site inspection experience can apply for the CISEC Registrant Examination and upon passing be certified CISEC Registrant.

- CISEC-IT Registrant

Program Individuals that do not qualify for the CISEC Registrant program can apply for an “In-Training” (CISEC-IT) examination and upon passing shall be designated CISEC-IT.

About CISEC

- A non-profit organization that leads North America in certifying construction sites inspectors of sediment and erosion control and stormwater management.
- Provides two comprehensive sediment and erosion and stormwater pollution control inspector programs - CISEC and CISEC-IT.



DIFFERENCES BETWEEN CISEC/CESSWI/CPESC

	CISEC		CESSWI		CPESC	
Minimum Requirements	In-Training Certification	< 2 years professional experience	In-Training Certification	1 year minimum professional experience or combination of professional experience and education credit	In-Training Certification	2 years professional experience or combination of professional experience and education credit
	Full Certification	2 years professional experience	Full Certification	3 years minimum professional experience or combination of professional experience and education credit	Full Certification	7 years professional experience or combination of professional experience and education credit
Application Submission/Review, Fee	In-Training Certification	No application required, if In-Training going for Full Certification application required, \$300.00	In-Training Certification	Yes, \$225.00	In-Training Certification	Yes, \$275.00
	Full Certification	Yes, \$300.00	Full Certification	Yes, \$225.00	Full Certification	Yes, \$275.00
Reference Review and Verification	In-Training Certification	No application required, if In-Training going for Full Certification, Yes, 3 required	In-Training Certification	Yes, 4 required	In-Training Certification	Yes, 4 required
	Full Certification	Yes, 3 required	Full Certification	Yes, 4 required	Full Certification	Yes, 4 required
Formal Education Review and Verification	In-Training Certification	No	In-Training Certification	Yes	In-Training Certification	Yes
	Full Certification	No	Full Certification	Yes	Full Certification	Yes
Related Education Review and Verification	In-Training Certification	Yes	In-Training Certification	Yes	In-Training Certification	Yes
	Full Certification	Yes	Full Certification	Yes	Full Certification	Yes

	CISEC		CESSWI		CPESC	
Professional Experience Review and Verification	In-Training Certification	Yes	In-Training Certification	Yes	In-Training Certification	Yes
	Full Certification	Yes	Full Certification	Yes	Full Certification	Yes
Related Certifications Review and Verification	In-Training Certification	Yes	In-Training Certification	Yes	In-Training Certification	Yes
	Full Certification	Yes	Full Certification	Yes	Full Certification	Yes
Related Accreditation (licensure) Review and Verification	In-Training Certification	No	In-Training Certification	Yes	In-Training Certification	Yes
	Full Certification	No	Full Certification	Yes	Full Certification	Yes
Training/Review Manual	In-Training Certification	Yes, Training	In-Training Certification	Yes, Review	In-Training Certification	Yes, Review
	Full Certification	Yes, Training	Full Certification	Yes, Review	Full Certification	Yes, Review
Training/Review Manual Last Update	In-Training Certification	2014	In-Training Certification	2016	In-Training Certification	2016
	Full Certification	2014	Full Certification	2016	Full Certification	2016
Training Course	In-Training Certification	Yes, 9 hour, cost varies per location	In-Training Certification	No	In-Training Certification	No
	Full Certification	Yes, 9 hour, cost varies per location	Full Certification	No	Full Certification	No
Exam Review Course	In-Training Certification	No	In-Training Certification	Yes, 6 hour, cost varies per host	In-Training Certification	Yes, 6 hour, cost varies per host
	Full Certification	No	Full Certification	Yes, 6 hour, cost varies per host	Full Certification	Yes, 6 hour, cost varies per host

	CISEC		CESSWI		CPESC	
Firewall between Trainers/Presenters and exam	In-Training Certification	No	In-Training Certification	Yes	In-Training Certification	Yes
	Full Certification	No	Full Certification	Yes	Full Certification	Yes
Exam	In-Training Certification	3.5 hours, \$50.00 In-Training, \$100 In-Training going for Full Certification, \$350.00 Full Certification	In-Training Certification	2 hour computer, \$124.00 or 3 hour paper, \$150.00	In-Training Certification	3 hour computer, \$124.00 or 3 hour paper, \$150.00
	Full Certification	3.5 hours, \$350.00	Full Certification	4 hour computer, \$136.00 or 4 hour paper, \$150.00	Full Certification	5 hour computer, \$148.00 or 5 hour paper, \$150.00
Proctored Exams	In-Training Certification	Yes	In-Training Certification	Yes	In-Training Certification	Yes
	Full Certification	Yes	Full Certification	Yes	Full Certification	Yes
Professionally Proctored Exams	In-Training Certification	No	In-Training Certification	Yes	In-Training Certification	Yes
	Full Certification	No	Full Certification	Yes	Full Certification	Yes
Firewall between Proctors and exam	In-Training Certification	No, just need to CISEC Certified, CISEC staff, or CISEC Approved	In-Training Certification	Yes, must be ECI staff or approved professional proctor (PSI or Sylvan Learning Centers)	In-Training Certification	Yes, must be ECI staff or approved professional proctor (PSI or Sylvan Learning Centers)
	Full Certification	No, just need to CISEC Certified, CISEC staff, or CISEC Approved	Full Certification	Yes, must be ECI staff or approved professional proctor (PSI or Sylvan Learning Centers)	Full Certification	Yes, must be ECI staff or approved professional proctor (PSI or Sylvan Learning Centers)
Exam Security	In-Training Certification	None known	In-Training Certification	Yes, kept in keypad and deadbolt locked room with security cameras and very limited access. Exams have a complete check in and out process (exams are tracked and location is known at all times)	In-Training Certification	Yes, kept in keypad and deadbolt locked room with security cameras and very limited access. Exams have a complete check in and out process (exams are tracked and location is known at all times)
	Full Certification	None known	Full Certification	Yes, kept in keypad and deadbolt locked room with security cameras and very limited access. Exams have a complete check in and out process (exams are tracked and location is known at all times)	Full Certification	Yes, kept in keypad and deadbolt locked room with security cameras and very limited access. Exams have a complete check in and out process (exams are tracked and location is known at all times)

	CISEC		CESSWI		CPESC	
Exam vetted by Certified Professionals	In-Training Certification	By certification developers	In-Training Certification	Yes	In-Training Certification	Yes
	Full Certification	By certification developers	Full Certification	Yes	Full Certification	Yes
Exam Minimum Passing Weighted Average Score	In-Training Certification	75%	In-Training Certification	70%	In-Training Certification	70%
	Full Certification	75%	Full Certification	70%	Full Certification	70%
Certificate of Training	In-Training Certification	Yes	In-Training Certification	No	In-Training Certification	No
	Full Certification	Yes	Full Certification	No	Full Certification	No
Professional Certification	In-Training Certification	No	In-Training Certification	Yes	In-Training Certification	Yes
	Full Certification	No	Full Certification	Yes	Full Certification	Yes
Annual Professional Development (continuing education) Required	In-Training Certification	12 hours per year	In-Training Certification	3 hours per year	In-Training Certification	4 hours per year



He is not poor who has a
competency.

~ Horace

HOW ARE THESE RELATED TO YOU?

Department of Environment (JAS) now requires that erosion and sediment control plans for Environmental Impact Assessment (EIA) areas be developed by a CPESC and all field inspectors be CESSWI.

Environmental Quality (Control of Suspended Solids) Regulations 2011

Preparation and submission of erosion and sediment control plan (ESCP)

8. (1) The erosion and sediment control plan (ESCP) shall be prepared by a competent person in accordance with the specifications specified in the Guidance Document on the Preparation and Submission of Erosion and Sediment Control Plan issued by the Department of Environment

(2) A competent person shall be any person who has been certified by the Director General or body recognised by the Director General that he is duly qualified to prepare the erosion and sediment control plan.

(i) Submission of NOI is compulsory for all development.

(ii) Preparation of ESCP by a competent person is required for project of 1 ha or more (*This is in line with the current DID's requirement. For projects of less than 1 ha, mitigation measures must still be implemented, but there is no requirement for competent person for ESCP preparation*).

(iii) Only projects of 10 ha or more, are required to submit ESCP together with NOI to DOE. The preparation shall be based on Guidance Documents from DOE, as well as other related documents such as the MSMA 2nd Edition by DID.

The DG will establish a certification scheme to certify competent persons. The DG may also recognise other equivalent certification programmes.

Since 2007, DID and DOE have conducted several training courses /certification programmes such as the Certified Professional in Erosion and Sediment Control (CPESC). DOE will continue to conduct this training course as part of the capacity building for consultants and its own officers. The Malaysian Stormwater Organisation (MSO) has started conducting the CPESC and CESSWI training for professionals. MSO is also in the process of preparing the Malaysian Version of CPESC and CESSWI.

Penalty

29. Any person who contravenes these Regulations shall be guilty of an offence and shall be liable to a fine not exceeding five hundred thousand Ringgit or imprisonment for a period of five years or both.

Compoundable offences

30. All offences under these Regulations may be compounded by the Director General under section 45(1) of the Act

PENALTY

Maximum penalty – RM 500,000 or 5 years jail.



All offences are compoundable and will follow the current compounding procedures. This is to enable us to take action immediately on any incompliance without having to take them to court.

Malaysian Stormwater Organization (MSO)



- To collaborate and create smart partnership between various world standard stormwater organization for the standardisation and accreditation of stormwater management and erosion and sediment control needs.
- To represent Malaysia at various stormwater related events (national and abroad) for the promotion of sustainable stormwater management.
- To act as the focal organisation for Urban Stormwater Management (MSMA) activities in Malaysia.
- To act as the coordinating centre for individual, organization, institution and other similar bodies to share common interests in the fields of stormwater management.
- To act as the information center for publication and technical data on stormwater management in Malaysia with the prior approval of the authority concerned.

A black and white portrait of Mark Twain, showing his characteristic white hair and mustache. He is looking slightly to the right of the camera with a serious expression. The background is dark, making his face and hair stand out.

**“DON’T GO AROUND SAYING THE WORLD OWES
YOU A LIVING. THE WORLD OWES YOU NOTHING.
IT WAS HERE FIRST.”**

MARK TWAIN

© Lifehack Quotes

REFERENCES

- Pictures from The Malay Mail, Borneo Post, LifeHack etc
- <http://www.envirocertintl.org>
- <http://www.cisecinc.org/>
- <http://foresternetwork.com/daily/soil/erosion-control-permitting/certification-programs-catch-on-in-a-big-way-in-malaysia/>
- <http://www.doe.gov.my/eparticipation/wp-content/uploads/2012/10/Environmental-Quality-Control-Of-Suspended-Solids-Regulations-20xx.pdf>

Payment to:

PERUNDING AZMAN, OOI &
RAO SDN BHD

RHB BANK BERHAD
(21247900014302)

*Payments by cheque or IBG
*Kindly email receipt of payment

EARLY BIRDS!

REGISTER ONLINE & PAY
BEFORE 1st OCTOBER 2017
will get 6 % discount

T & C apply

**for New registrant ONLY

**not applicable for Re-test
registrant

**any payment received after
1st Oct 2017 will be charged
as Normal Price

**Invoice will be issued after
the payment is made

REVIEW CLASSES AND EXAM

DATE : 11th – 13th December 2017

EXAM DATE : 13th December 2017

VENUE : Premiera Hotel Kuala
Lumpur

COST : RM 3,180 per person
(includes books, exam
fee, lunch and
refreshments)

RE-TEST FEE: RM 530
(for exam fee and lunch
on 13th Dec 2017 ONLY)

**price inclusive GST

payment **MUST be made no later
than

24rd NOVEMBER 2017

**For outstation applicants, please
make arrangement for your own
accommodation.



CERTIFIED

**PROFESSIONAL IN
EROSION AND SEDIMENT
CONTROL PROGRAM**



REGISTRATION

DEADLINE:

17th NOVEMBER 2017

**REGISTER EARLY &
SECURE YOUR SEAT NOW!**

CPESC – Certified Professional in Erosion and Sediment Control. This program was created to provide professional credentials for individuals working to manage erosion and sediment control issues for land-disturbing activities.

Program Requirements

Qualifications	Minimum worked experiences in related field on Erosion and Sediment Control Plan (ESCP)
SPM/ STPM/ Diploma	3 years
Bachelors Degree (in Science, Planning or Construction Management areas)	2 years
Master Degree and above (in Science, Planning or Construction Management areas)	1 year
In Training	1 year

Benefits of Certification

- Demonstrate proficiency in the erosion and sediment control field
- Enhances your technical and professional credibility
- Satisfies the qualified-person requirement in local and state programs
- Increases personal value, recognition and marketability
- Encourages greater commitment and personal career growth

Course Program

DAY 1

- Introduction: Background and History
- Rules and Regulations
- Site Planning and Management
- Predicting Soil Loss

DAY 2

- Runoff Management
- Soil Stabilization
- Sediment Control

DAY 3

- Review Class and Exam



CPESC INFORMATION FORM

NAME:

COMPANY/ ORGANISATION:

ADDRESS:

MOBILE NO.:

EMAIL:

Please tick in the box

New

Re-test

Submit completed information form to:-

Perunding Azman, Ooi & Rao Sdn Bhd
 No. 10-2, Jalan 8/ 23E,
 Taman Danau Kota,
 53300 Setapak, Kuala Lumpur.

or Email to : paormso@gmail.com

or Fax to : 0341498862

or Call : 0341494227 / 0341416658

Contact person : Miss Farah

Payment to:

PERUNDING AZMAN, OOI &
RAO SDN BHD

RHB BANK BERHAD
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*Payments by cheque or IBG
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T & C apply

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registrant

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REVIEW CLASSES AND EXAM

DATE : 4rd – 7th December 2017

EXAM DATE : 7th December 2017

VENUE : Vistana Hotel Kuala
Lumpur

COST : RM 3,180 per person
(includes books, exam
fee, lunch and
refreshments)

RE-TEST FEE: RM 530
(for exam fee and lunch on
7th Dec 2017 ONLY)

****price inclusive GST**

****payment MUST be made no later
than**

24rd NOVEMBER 2017

****For outstation applicants, please
make arrangement for your own
accommodation.**



**CERTIFIED EROSION,
SEDIMENT AND STORM
WATER INSPECTOR
PROGRAM**



REGISTRATION

DEADLINE:

17th NOVEMBER 2017

**REGISTER EARLY &
SECURE YOUR SEAT NOW!**

CESSWI - Certified Erosion, Sediment and Storm Water Inspector. This program was created to provide professional credentials for individuals who have proven they are technically qualified to provide consistent and competent site inspections for compliance with appropriate local, statewide, and national laws and regulations.

Benefits of Certification

- Demonstrate proficiency in the erosion and sediment control field
- Enhances your technical and professional credibility
- Satisfies the qualified-person requirement in local and state programs
- Increases personal value, recognition and marketability
- Encourages greater commitment and personal career growth

Program Requirements

Qualifications	Minimum worked experiences in related field on Erosion and Sediment Control Plan (ESCP)
SPM/ STPM/ Diploma	3 years
Bachelors Degree (in Science, Planning or Construction Management areas)	2 years
Master Degree and above (in Science, Planning or Construction Management areas)	1 year
In Training	1 year

Course Program

DAY 1

- Introduction: Background and History
- Rules and Regulations
- Safety Module
- Communication & Documentation

DAY 2

- Inspector Duties
- Plan Management

DAY 3

- Best Management Practices (BMPs)
- Field Inspection

DAY 4

- Class Revision and Exam

CESSWI INFORMATION FORM

NAME:

COMPANY/ ORGANIZATION:

ADDRESS:

MOBILE NO.:

EMAIL:

Please tick in the box
 New Re-test

Submit completed information form to:-

Perunding Azman, Ooi & Rao Sdn Bhd
 No. 10-2, Jalan 8/ 23E,
 Taman Danau Kota,
 53300 Setapak, Kuala Lumpur.
 or Email : paormso@gmail.com
 or Fax : 0341498862
 or Call : 0341494227/ 0341416658
 Contact person : Miss Farah

Payment to:

PERUNDING AZMAN, OOI &
RAO SDN BHD

RHB BANK BERHAD
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*Payments by cheque or IBG
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T & C apply

**for New registrant ONLY

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registrant

**any payment received after
1st Oct 2017 will be charged
as Normal Price

**Invoice will be issued after
the payment is made

REVIEW CLASSES AND EXAM

DATE : 18th – 20th December 2017

EXAM DATE : 20th December 2017

VENUE : TBA

COST : RM 3,180 per person
(includes books, exam
fee, lunch and
refreshments)

RE-TEST FEE: RM 530
(for exam fee and lunch
on 20th Dec 2017 ONLY)

**price inclusive GST

payment **MUST be made no later
than

24rd NOVEMBER 2017

**For outstation applicants, please
make arrangement for your own
accommodation.



**CERTIFIED
PROFESSIONAL IN
STORMWATER
QUALITY**



REGISTRATION

DEADLINE:

17th NOVEMBER 2017

**REGISTER EARLY &
SECURE YOUR SEAT NOW!**

CPSWQ – Certified Professional in Stormwater Quality. This program was created to provide professional credentials for individuals working to manage erosion, sediment control and stormwater issues for land-disturbing activities.

Program Requirements

Qualifications	Minimum worked experiences in related field on Erosion and Sediment Control Plan (ESCP)
SPM/ STPM/ Diploma	3 years
Bachelors Degree (in Science, Planning or Construction Management areas)	2 years
Master Degree and above (in Science, Planning or Construction Management areas)	1 year
In Training	1 year

Benefits of Certification

- Demonstrate proficiency in the erosion, sediment control and stormwater field
- Enhances your technical and professional credibility
- Satisfies the qualified-person requirement in local and state programs
- Increases personal value, recognition and marketability
- Encourages greater commitment and personal career growth

Course Program

DAY 1

- Introduction
- Rules and Regulations
- Stormwater Pollutants
- Pollutant Removal Processes
- Stream Environment
- Watershed Hydrology

DAY 2

- Quantification
- Construction Site Management
- Stormwater Management
- Municipal & Industrial
- Inspection, Maintenance and Solids Management

DAY 3

- Review Class and Exam



CPESC INFORMATION FORM

NAME:

.....

COMPANY/ ORGANISATION:

.....

.....

ADDRESS:

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MOBILE NO.:

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EMAIL:

.....

Please tick in the box

New

Re-test

Submit completed information form to:-

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Contact person : Miss Farah