19 December 2019

ATTENTION : ACCREDITED POLLUTION CONTROL OFFICER/s (PCOs) DUE FOR ACCREDITATION RENEWAL

RE : ADVANCED TRAINING COURSE FOR POLLUTION CONTROL OFFICERS: SOLID WASTE MANAGEMENT

Dear Sir/Madam:

Pollution Control Association of the Philippines, Inc. Region IV-A, a recognized training institution by DENR-EMB (COR No. 2019-04-ATM-N), is happy to announce that we will conduct an "**Advanced Training Course on Solid Waste Management**" on **June 9-11, 2020 at the Splash Mountain Resort and Hotel, Km 58, Brgy. Lalakay, Los Baños, Laguna.**

We are inviting your PCO/s to attend this Advanced Training, as its program will be most beneficial to *PCOs whose accreditations are due for renewal*. The key learning objectives of this training are: (i) To discuss and review relevant policy issuances and current situationer on Solid Waste Management; (ii) PCOs to be able to characterize, classify and quantify solid waste generated; (iii) PCOs to identify ways to manage and control (minimize, handle, store and dispose) the SW generated; (iv) PCOs to underline SWM system and procedures on recording, monitoring (chain of custody) and reporting of SW generated; and (v) PCOs to diagnose current SWM practices and update their SWM Plan.

Training fee shall be Php 9,500.00 and will be inclusive of meals (lunch, morning and afternoon snacks), training materials, electronic copies of presentation materials in USB drive and PCO's training certificate. Fees exclude accommodations. Slots are limited to 50 pax, and registration is on a first-come, first-served basis.

Please click this link to register: **REGISTER ONLINE** or visit our website at www.pcapi-r4.org.ph

For additional queries, kindly contact: PCAPI Region IV-A Secretariat Office at (0917-814-4751 / 0998-534-7850); Tel. No.: 049-5011706) / E-mail Address: pcapi.calabarzon@gmail.com

Thank you very much and we look forward to see you at the Training!

Very truly yours,

Rasmiah M. Malixi
President, PCAPI Region IV-A Chapter

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Room 409 4th Floor Vega Centre, College, Los Baños, Laguna, Philippines

POLLUTION CONTROL ASSOCIATION OF THE PHILIPPINES REGION IV-A CHAPTER, INC.

PCOs helping PCOs

WHY ATTEND THIS TRAINING?

This Advanced Training Course will form part of PCO's continuing education and orientation programs in upgrading their capabilities in managing your company's environmental compliance and keeping abreast with recent environmental laws and regulations. Furthermore, this requirement is in line with the implementation of DA0-2014-02 (Revised PCO Accreditation Guidelines) and EMB MC-2019-004 (Advanced Training Modules for Pollution Control Officers). Attendance to this Advance Training Course shall be equivalent to 20 accredited training hours which may be used as part of the required training hours for PCO Re-accreditation.

WHO SHOULD ATTEND?

The program will be most beneficial to accredited PCOs due for accreditation renewal.

WHY TRAIN WITH PCAPI R4A?

- ✓ We are a recognized training institution by DENR-EMB: Basic Training for PCO and 8-hour Seminar for Managing Heads (COR No. 2019-09-R) and Advanced Training Modules for PCOs (COR No. 2019-04-ATM-N)
- ✓ We are SEC Registered and BIR Registered
- ✓ We are the first and only training institution under the Department of Environment and Natural Resources (DENR) to have been accredited as a Continuing Professional Development (CPD) Provider for Mechanical and Sanitary Engineers, by the Professional Regulation Commission (PRC)
- ✓ We were named 4-time Best PCAPI Chapter and hailed as first Hall of Fame Awardee by PCAPI National
- ✓ We were recently recognized and awarded by DENR-EMB R4A as Outstanding Training Institution during the 2019 Environmental Summit
- ✓ We have the largest membership of Pollution Control Officers in the country

KEY LEARNING OBJECTIVES

1. To discuss and review relevant policy issuances and current situationer on SW
2. PCOs to be able to characterize, classify and quantify solid waste generated
3. PCOs to identify ways to manage and control (minimize, handle, store and dispose) the SW generated.
4. PCOs to underline SWM system and procedures on recording, monitoring (chain of custody) and reporting of SW generated.
5. PCOs to diagnose current SWM practices and update their SWM Plan

COURSE DURATION: 20 Hours

THE TRAINERS

For. BREFELIN J. ROBLES

Education

- M.S. Environmental Science, (2014 to Present), School of Environmental Science and Management, University of the Philippines Los Baños
- B.S. Forestry, Major in Forest Biological Sciences, specialized in Forest Biotechnology, University of the Philippines Los Baños

Professional Background

- Licensed Forester (License # 900684308 Reg. No. 0009464)
- Accredited Advance Training Module Trainer of DENR-EMB
- Accredited Safety Practitioner of DOLE
- Accredited Pollution Control Officer of LLDA & DENR-EMB
- PCAPI-R4A Outstanding PCO Award 2016

Atty. ZOILO L. ANDIN, Jr.

Education

- Bachelor of Laws (LLB), 1989 Ateneo de Manila University, School of Law
- Bachelor of Science in Business Management (BSBM), 1985 University of the Philippines

Professional Background

- Profession: Lawyer
- Eligibilities: Supreme Court (Roll of Attorneys No. 36279),1990
- Consultant, National Telecommunications Commission, 2018- present
- Deputy Administrator, MWSS, 2012-2018
- President and COO, North Luzon Railways Corp., 2008-2010
- Head Executive Assistant to the DENR Secretary and Executive Director of National Solid Waste Management Commission, 2004-2008
- Chief of Staff/ Legal Consultant, National Housing Authority 2001-2004

ARNOLD BALAOEG FONOLLERA, PhD, EnP, DMD

Education

- Juris Doctor (ongoing), Emilio Aguinaldo Institute of The Law & Justice
- PhD Environmental Studies (2016), Miriam College
- Doctor of Dental Medicine (1992), De Ocampo Memorial College
- Bachelor of Science in Zoology (1986), University of Santo Tomas

Professional Background

- Licensed Environmental Planner – PRC License No. 2130
- Auxiliary Commander – 111th Squadron, Philippine Coast Guard Auxiliary
- NCR-CL Division Associate Professor - College of Science and Computer Studies, DLSU-Dasmarinas

COURSE OUTLINE AND SCHEDULE

DAY 1*
Registration
Opening Program
Topic 1: Rationale and Policy Updates in SWM • Introduction to Solid Waste Management • Rationale of SWM in the industries; Environmental and Health consequences of poor ISW Management • Policy Updates on RA 9003 • RA 9003 and its association with other national policies and local ordinances: a. Provisions under Clean Air Act (Exempting traditional methods of burning) b. Provisions under RA 6969 (transition with WEEE and other related wastes) • LGU's role on the implementation of RA 9003 • SWM Prog of the LGU, present SWMO structure and contact details • SW Situationer • Situationer on before, after intervention, presentation of situationer in the locality
Topic 2: Approaches to SWM in the Industries • Prevention – Waste Minimization * 5S * Inventory Management * Improved Operations * Product/ equipment / process modification • Waste Recovery Technologies * Internal recycling (closed-loop) * External recycling (waste exchange, recycling offsite) * Composting Technology * Recycling Technologies * Community Based Projects
Topic 3: Implementing a Successful SWM in the Industries • SW description, characterization and Classification • 7 classifications of plastics • How to's in WACS • SW segregation, collection, storage and handling • Basic requirements in the design and operation of MRFs for industries • SW transport, treatment and/or disposal • SW treatment options, protocols in hauling and disposal; Sludge handling
***with 15-minute morning snacks, 1-hour lunch break, 15-minute afternoon snacks**

DAY 2*
Topic 3: Implementing a Successful SWM in the Industries • SW reporting and monitoring • Activities and tools for record keeping and reporting • Solid waste diversion • Principles of diversion • SW assessment • Discuss how data on SW generation and SW mgt is discussed in the SMR
Topic 4: Introduction to Life Cycle Analysis of (LCA) of Plastics • Concepts of Life Cycle Analysis of (LCA) • Goals and purpose of LCA • Key concepts of life-cycle impact assessment • Comparative LCA of Plastic and Paper • Environmental Impacts of Producing and Using Plastics and Paper
Topic 5: Workshop on Cleaner Production and Waste Minimization and Updating of SWMP • Workshop on Cleaner Production and Waste minimization • CP Options Tree • Workshop on Material Flow Analysis • Sankey diagramming • Workshop on Updating and rewriting of the SWM Plan • Updating of the SWMP, Updating of EMP and/or EmoP • Presentation of CP best practices • Benchmarking and application of best practice
Topic 6: Opportunities and Challenges of Waste to Energy • SWM System
***with 15-minute morning snacks, 1-hour lunch break, 15-minute afternoon snacks**
DAY 3*
Topic 6: Opportunities and Challenges of Waste to Energy continuation • Principles and Opportunities of Waste to Energy • Materials, methods and technology opportunities
Topic 7: Plant Visit
Closing Program
***with 15-minute morning snacks, 1-hour lunch break, 15-minute afternoon snacks**

MODE OF PAYMENT

☐ Cash
☐ Cheque: Please prepare cheque payable to **PCAPI-REGION 4A CHAPTER,INC.**
☐ Deposit through Bank:

Account Name	:	PCAPI REGION 4A CHAPTER, INC.
Account No	:	0911-0147-42
Name of Bank	:	Bank of the Philippine Islands (BPI)
Branch	:	Los Baños, Laguna
TIN No. (Non-VAT Reg.)	:	008-429-752-000

To receive a confirmation of your registration fee, please email deposit slip to
pcapi.calabarzon@gmail.com

The

ENVIRONMENTAL MANAGEMENT BUREAU
of the
Department of Environment and Natural Resources

presents this

CERTIFICATE OF COMPLETION

to

BREFELIN J. ROBLES

of

PCAPI 4A

for having completed the
Trainors' Training on Advanced Training Module on Solid Waste Management for Pollution Control Officers

held from 24 to 27 April 2019
at the ICON Hotel, Quezon City.

ENGR. METODIO U. TURBELLA
Director

CO-2019-775

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CO-2019-773

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