

AMENDMENT TO C.R. No.049/2018

Certificate of Recognition No. 049/2018 issued to **PASAR Metallurgical Division In-Process/Environmental Laboratory** located at **LIDE, Isabel Leyte, 6539 Philippines** which has been recognized under Administrative Order No.63, Series of 1998, Guidelines for the Designation of DENR Recognized Environmental Laboratories last 07 December 2018 is hereby amended and to be effective for a like period of three (3) years from date of issue of the original Certificate of Recognition.

Additional Scope of Recognition*

Water and Wastewater

Arsenic; Copper as Dissolved Copper.

DENR Recognized Signatories

For All Analyses

Jonamel B. Cabalo

Joana P. Datwin

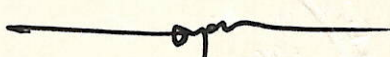
Cinderella P. Pascua

For Metals Analyses

Joanna Mae O. Diño.

**Analytical method/s and references approved for water and wastewater are in Annex ACR 049/2018.*

In testimony whereof, I have hereunto signed this amendment and issued the same this fifteenth day of March, year two thousand and twenty-one at Quezon City, Philippines.


ROY A. CIMATU

Secretary

ELR LABORATORY CODE NO. 08-01

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Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
Visayas Avenue, Diliman, Quezon City

ANNEX CR 049/2018

PASAR Metallurgical Division, In-Process/Environmental Laboratory

RECOGNIZED PARAMETERS AND ANALYTICAL METHODS

Water and Wastewater

PARAMETERS	ANALYTICAL METHODS	REFERENCES
Arsenic	Electrothermal Atomic Absorption Method (Nitric Acid/ Hotplate Digestion)	SMEWW 3113 (SMEWW 3030 E)
	Inductively Coupled Plasma – Emission Spectroscopy Method (Nitric Acid – Hydrochloric Acid/ Hotplate Digestion)	SMEWW 3120 (SMEWW 3030 F)
Copper as Dissolved Copper	Extraction/Air – Acetylene Flame Method	SMEWW 3111 C with SMEWW 3030 B

