1. PROJECT DESCRIPTION

1.1 Project Background

Metro Versatile Build-Tech Corp. has been issued with an Environmental Compliance Certificate (ECC) with Reference No. ECC-OL-R03-2019-0652 on October 18, 2019 by the Department of Environment and Natural Resources – Environmental Management Bureau (DENR-EMB) Regional Office III for the proposed Autoclaved Aerated Concrete (AAC) Blocks Manufacturing Plant located at Barangay San Antonio, Bacolor, Pampanga. The ECC covers the Manufacturing Plant with annual production capacity of 49,500 metric tons covering a total area of 56,795 sqm.

The project status is still on construction phase. The company proposes an expansion of the project in terms of area and production capacity while it is still on construction phase. This entails the inclusion of increase in manufacturing capacity, area expansion and equipments.

1.2 Project Location and Area

The proposed Autoclaved Aerated Concrete (AAC) Blocks Manufacturing Plant Expansion is located at Barangay San Antonio, Bacolor, Pampanga. It is situated on a titled property adjacent to the area covered by ECC-OL-R03-2019-0652 with a total lot area of 42,972 square meters as additional area ***(Figure 1.1)*** and is geographically centered at 15°01'27.95" North Latitude and 120°38'24.60" East Longitude (WGS 84) ***(Figure 2.2).***

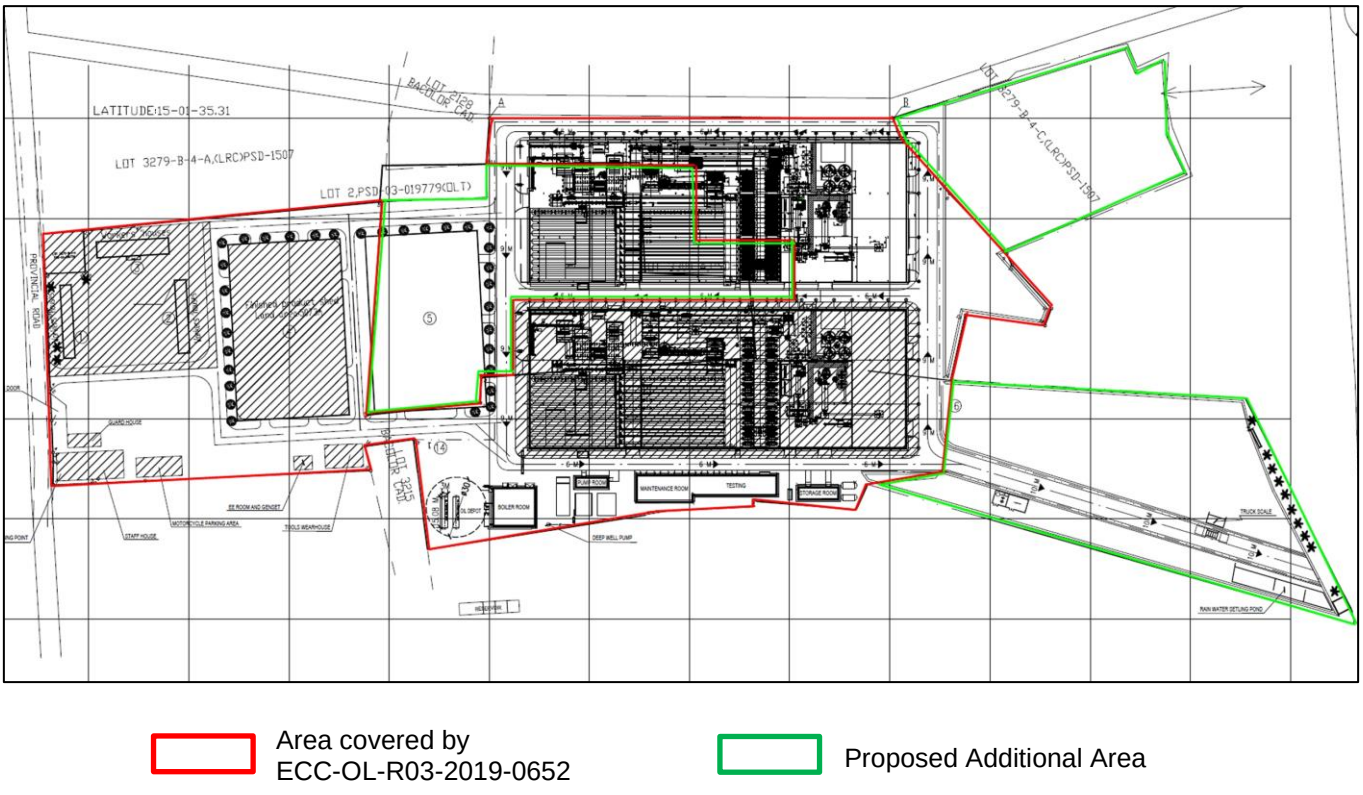


Figure 1.1: Project Area

Figure 1.2: Project Location *(Source: Google Earth)*

1.2.1 Direct and Indirect Impact Areas

The Direct Impact Area is the entirety of the property where the Manufacturing Plant is located. On the other hand, the Indirect Impact Area is the 500m zone from the periphery of the Direct Impact Area. This area includes the nearest cluster of communities, major thoroughfares, etc., which will be indirectly disturbed by the proposed development. **Figure 1.3** shows the identified impact areas.

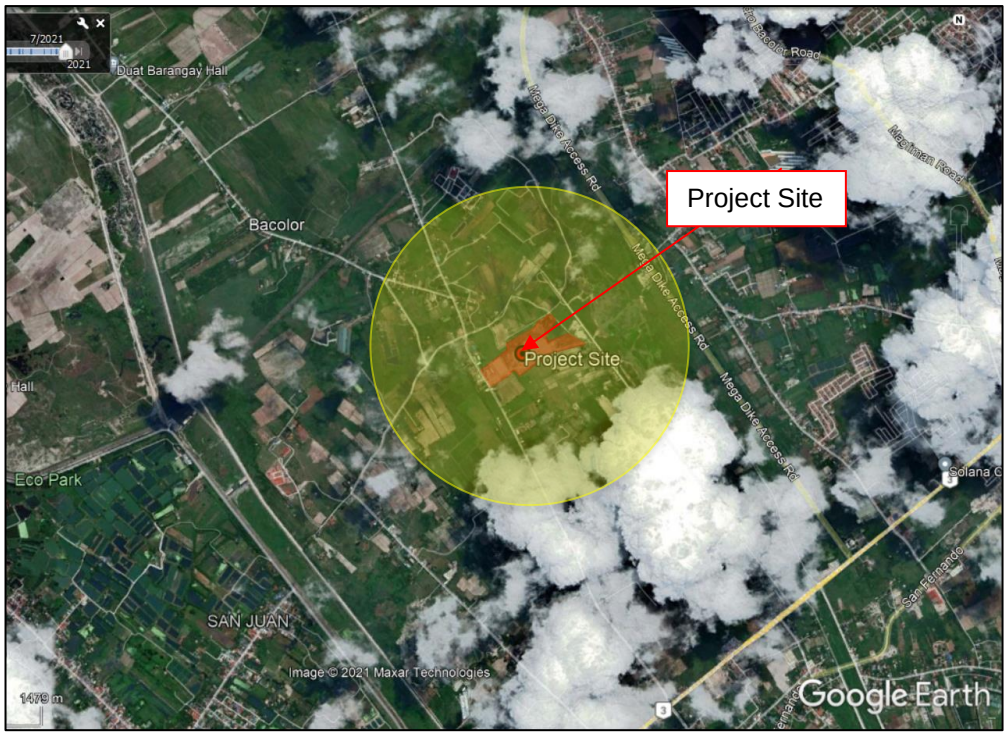


Figure 1.3: Direct Impact Area (Red) Indirect Impact Area (Yellow) *(Source: Google Earth)*

1.3 Project Rationale

The development of the project is triggered by the increasing demand of concrete products in various sectors. Its development will contribute to the municipal and provincial economy. Employment opportunities will be opened considering the manpower demand for the manufacturing operations. Government revenue in the form of income tax, sales tax, etc. will be generated from the project. In partnership with the local government and the host community, the proponent's community development programs in line with the project's resulting Social Development Plan will enhance delivery of basic services.

1.4 Project Alternatives

The project aims to contribute to the high demand of concrete products in the country in the recent years due to the "Build Build Build" program of the national government. The project also considered other alternatives for the current project based on considerations of facility siting and environmental impacts.

1.4.1 Facility Siting

The proposed project's increase in manufacturing capacity will reduce the capital investment of the proponent as the area is already developed. The additional equipments to be used for the manufacturing process will also be confined in the existing facility. Moreover, the proposed project site is relatively developed, thus minimal impacts on the biophysical environment are foreseen. In terms of socio-cultural environment, no conflicts are expected to arise.

1.4.2 Environmental Impacts

In almost all locations, the environmental impacts to be considered would be:

- Increased in air emissions;
- Generation of low frequency noise from equipment
- Increased in effluent discharge;

1.4.3 No Project Option

In case the project will not push through, the main impact would be on the social aspect. The primary impact would be the loss of tax revenues that would be generated by the project. The project also encourages other income generating investments such as sari-sari stores, canteens, etc. The scenario will also prohibit the increase in employment that would be generated.

1.5 Project Components

Shown in the below tables are the equipments and machines that the proponent will be using in the manufacturing of concrete blocks. The project will be utilizing autoclave and aeration technology for their manufacturing process.

Table 1.1: List of Equipments / Machine and its usage

Equipment / Machine	
Comprehensive Batching System	This will control the proportion of slurry, cement, lime and aluminum. Aggregates (fly ash, sand) and cementing agents

Equipment / Machine	
	(lime, cement) are precision scaled separately. The system will adopt an inverter control technology to guarantee the batching precision.
Pouring System	The pouring mixer adopts high efficiency cross paddle with draft tube, which is a verification by fluid analysis software and applied in many plants.
Lifting Pouring Device	This device has an adjustable lifting speed. Its pouring hole is opened around the side for slurry diffluent discharge. It will reduce the slurry splash and generation of large pores.
Flip Mould Car	This will be used to precisely hold the pours in its desired shape. It uses a guide block to make sure the mold is closed. The perpendicularity of mold hook is adjustable.
Side plate	This positions the pours (cakes) when it loads. The side plates will be machined after welding to guarantee the error of the clamping position no more than 1mm.
Cleaning Machine for Side Plate	This contains two parts; one is installed in both side of cutting rail, to clean the cutting waste. Another is installed on the side plate return track to clean the cured side plate.
Curing car	Modular design, wheel parts, location parts and cabinet bracket using standard modular, installed with flange, easy for maintenance and management.
De-moulding crane	This will be lifted by gear rack to keep synchronization. This will use electric and mechanic positioning, high repositioning precision.
Horizontal cutting machine	Every hanging post can be adjustable to ensure the cutting precision.
Vertical cutting machine	Adopts a high amplitude and low frequency frame, cutting surface smoothly. It has mechanic synchronization lifting frame, which can guarantee the stable lift for the side plate.
Cutting conveyor	Adopts a new cutting conveyor to solve the problem of uneven rail, worse straightness and abrasion.
Ground-fixed tilting table	The tilting table adopts fixed platform, and it was assembled in the workshop and was tested on the project side, which can reduce the installation time and improve the installation quality.
Side plate conveyor	Used to transport the side plate to de-moulding crane for mould assembling.
Stacking crane	Used to carry the cake after cut onto the tilting table for waste removal. After the waste has been removed, it carries the cake to the curing car. It also carries an empty side plate from the curing car and sends it to the side plate conveyor.
Ferry car after autoclave	Drawing the cured curing car out of the autoclave. And sent the curing car to the position of stacking crane.
Automatic transit car	Running automatic, positioning automatic, bridging automatic. It adopts a mechanic positioning device, high precision.
Packing system including	Stacking crane, separator, separator trolley, clamping crane and packing.
Stacking crane	It carries the final product from the curing to the separating trolley. Carry the empty side plate from separating trolley to curing car.
Separating trolley	It sends the final product to the separating position, the

Equipment / Machine	
	empty side plate to the stacking position and the separated product to clamping position for packing.
Separator	It separates the sticky product. Fixed separator and movable separator.
Clamping crane	It carries the separated final product onto pallet with width of 600mm, which placed on the packing conveyor.
Combining machine	Combines 2 by 600mm width product in to 1200mm width. It will then be carried to the pallet by clamping crane.
Wide clamping crane	It carries the cakes with 1200mm after combined to the packing conveyor for packing.
Packing conveyor	It realizes the product cross stacking to make sure packing stable. The product can be packed with or without pallet. This new packing system can reduce the land area, investment and the oallet consumption.
Anti-falling device	It is used for fixing the product when the transfer machine carrying.
Block transfer machine	Cross-stacks the product.
Autoclaving System:	Used to cooking the blocks with hot and high-pressure steam. Make the blocks dry and with high strength
Boiler	Used to supply hot steam for Autoclaving

Table 1.2: Equipment List to be used for each Aerated Block Production Line

Name	Size	Unit	Quantity
Vibrator for hopper	ZFB-5	Set	2
Belt-scale	TDG-5QZ-800	Set	1
Belt conveyor	B800	Set	1
Ball Mill	Φ2.6X13M	Set	1
Grinding Steel Ball		Ton	80
Mixer	Φ3.6×2m	Set	1
Slurry Pump	DYS100-120B	Set	1
Stirring device (mixing tank)	V=100m³	Set	4
Mixing device (mixing tank)	Φ3.6×2m	Set	1
Slurry Pump	DYS100-120A	Set	1
Mixer	V=50m³	Set	2
Mixer	Φ2.0×2m	Set	1
Slurry Pump	DYS100-120A	Set	1
Electric Hoist	3 tons	Set	1
Crusher	PC800X600	Set	1
Bucket Elevator	NE50 Plate chain	Set	1
Dust Collector	JLPM4A-120	Set	1
Centrifugal Fan	№5A/4-72-11	Set	1
Dust Collector	HMC-48-B	Set	7
Electric Connector	DFC400X400 正 60°	Set	1
Vibrator for hopper	ZFB-6	Set	2
Air-tight door	Φ400	Set	2
Belt-scale	TDG-5QZ-650	Set	2
Ball Mill	Φ2.4X9M	Set	1
Grinding Steel Ball		Ton	55

Name	Size	Unit	Quantity
Screw Conveyor	φ300×3.5	Set	1
Bucket Elevator	NE50	Set	1
Dust Collector	JLPM6A-180	Set	1
Centrifugal Fan	№6A/5-72-15	Set	1
Electric Connector	DFC400X400 正 60°	Set	1
Broken Arch Hopper	PGD300	Set	2
Pneumatic Butterfly Valve	DN300	Set	10
Detector Radar		Set	10
Sensor for Silo		Set	7
Screw Conveyor	φ300×9.5	Set	1
Screw Conveyor	φ300×6.5	Set	1
Bucket Elevator	NE50	Set	1
Broken Arch Hopper	PGD300	Set	4
Butterfly Valve	DN300	Set	4
Screw Conveyor	φ300×10	Set	2
Screw Conveyor	φ300×9.5	Set	2
Scale for Powder	Q=1000KG	Set	2
Screw Conveyor	φ300×3.5	Set	2
Pneumatic Butterfly Valve	DN300	Set	2
Mixer		Set	3
Scale for Slurry	Q=5000KG	Set	4
Aluminum Scale	ak-250	Set	2
Pouring Mixer		Set	2
Pouring Device	KQSJT4B2	Set	2
Casting Bubble Treatment Machine	The first 3 + the last 4 vibrators	Set	2
Dust Collector	HMC-48-B	Set	1
Electric Hoist	MD12-12D	Set	1
Ferry Car		Set	1
Ferry Car		Set	1
Ferry Car Locating Pin		Piece	7
Mixer	Φ2.0×2m	Set	1
Slurry Pump	DYS100-120A	Set	1
Curing Car		Set	56
Side Plate		Piece	272
Ferry Car		Set	1
Ferry Car Locating Pin		Piece	22
Wheels		Set	118
Electric Hoist		Set	1
Turning System Beam and Rack	Gear rack form	Meter	24
Turning System	Hydraulic lift	Set	1
Cutting System		Set	1
Cutting Cover	36m	Set	1
Mixer	Φ4.0×2m	Set	1
Slurry Pump	DYS100-120A	Set	2

Name	Size	Unit	Quantity
Electric Hoist		Set	1
Tilting Table Beam and Rack	Gear rack form	Meter	16
Tilting Table for Semi-product	Hydraulic lift	Set	1
Surface Remove System		Set	1
Tilting Table Chain System		Set	1
Curing Car		Unit	72
Cleaning Machine for Side Plate		Set	1
Dust Collector	HMC-32-A	Set	1
Oil Spread Machine	Frame	Set	2
Ferry Car		Set	1
Ferry Car Locating Pin		Piece	12
Chain Conveyor		Set	6
Chain Conveyor		Set	2
Autoclave	Φ2.55x41m	Set	10
Autoclave Transit System		Set	1
Autoclave Transit Beam and Rack	Gear rack form	Meter	41
Autoclave Transit Hoist	Hydraulic lift	Set	1
Chain Conveyor		Set	4
Ferry Car		Set	1
Ferry Car Locating Pin		Piece	2
Stacking Machine		Set	1
Stacking Machine Beam and Rack	Gear rack form	Meter	28
Stacking Machine Hoist	Hydraulic lift	Set	1
Separator		Set	2
Clamping Machine		Set	1
Clamping Machine Beam and Rack		Meter	16
Clamping Machine Hoist	Hydraulic lift	Set	1
Floor conveyor 3 (heavy load side		Piece	18
Transferred Crane		Set	17
Ferry Car		Set	1
Transferred Crane	600×600mm	Set	2
Clamping Machine		Set	1
Clamping Machine Beam and Rack	Gear rack form	Meter	14
Clamping Machine Hoist	Hydraulic lift	Set	1
Packing Line	1200×1200mm	Meter	51
Pallet Handling System		Set	1
Hydraulic Lifter		Set	2
Packing System	HPV112-MVB	Set	1
Strapping Machine	HPV112-MVB	Set	1
Chain Conveyor		Set	1
Crusher		Set	1
Powder control system		Set	1
Slurry preparation system		Set	1
Comprehensive batching system		Set	1

Name	Size	Unit	Quantity
Friction wheel control system		Set	1
Pouring ferry car control system		Set	1
Pre-raised apron control system		Set	1
Empty mold ferry car control system		Set	1
Turnover spreader control system		Set	1
Semi-finished spreader control		Set	1
Shuttle bus control system in front of		Set	1
Marshalling Traction Control System		Set	1
Out of the kettle driving control		Set	1
Steamed trolley and shuttle bus		Set	1
Traction control system of heavy-duty		Set	1
Steam-curing trolley carriage return		Set	1
Unloading spreader control system		Set	1
Side plate roller conveyor control		Set	1
Side board shuttle bus control system		Set	1
Finished fixture control system		Set	1
Mobile stacker control system		Set	2
Dual-mode finished product fixture		Set	1
Finished product conveyor line		Set	1
Front control system		Set	1
After the kettle control system		Set	1
Electric Pannel		Piece	16
General equipment electric control		Set	1
Electric Switch		Set	2
Highly flexible cable		Set	1
Tight Chain		Set	1
Electric Cable		Set	3
Central Monitoring System	Including display screen and other	Set	1
Computer Control System		Set	1
Foundation Steel Pannel		Ton	35
Air-Compressor Machine		Set	2
Air-Compressor Tank		Set	4
Air Cooling Dryer		Set	2
Precision Filter		Set	6
Steam Header		Piece	5
Water Ring Vacuum Pump		Set	1
Boiler		Set	1
Automatic System Parts		Set	1
Generator Set		Set	1
Transformer and Control Pannel		Set	1
Deep well Water Pipe		Ton	25
Deep well Water Pump		Set	2
Laboratory Equipment		Set	1

1.5.1 Energy / Power Supply

The power requirement needed by the project shall be supplied by the local power distributor Pampanga Electric Cooperative II (PELCO II). The project shall also be provided with diesel generator set, which will serve as a standby unit in cases of power outages.

1.5.2 Water Supply

Source of water supply will come from the deep well.

1.6 Process / Technology

Preparation Section:

The raw materials of AAC products are calcium material and siliceous material. The ultra-fine quality of these raw materials satisfactorily can meet the technological requirement after processing by ball grinding mill. Next, these materials are poured into a mixing tank. The inner mixing devices constantly to ensure the contents possess uniform density.

Pouring and pre-curing Section:

Our pouring mixer can batch and mix products of a wide variety of densities from grade 03-07. The fully-automatic pouring and batching system ensure the precision of batching process. Our lifting pouring head efficiently eliminates big bubbles and prevents the oil layer from being washed away, which always happens when working with a traditional pouring process. We have provided an independent mould position detection system in the pre-curing room. Our central control system will capably dispatch the cake which is ready to be cut according to the feedback of observed data.

Pouring Mixer has independently developed the special structure of double-layer cross blade and modular guide cylinder, to ensure the mixing effect and reduce the energy consumption.

Lifting pouring head with the unique buffer structure of pouring head, the slurry can be poured into the mould smoothly without any big bubble and the mould oil won't be washed off.

The four sides of mould car are welded with section steel as the framework. After the framework is welded, the plate is sealed and welded. The mould is rigid not easy to deform. The opening and closing hook design can ensure the accurate closing position.

Cutting Section:

After pre-curing, the mould is transferred to the de-moulding machine. This device utilizes a hydraulic self-locking hook. The hydraulic chain is used for lifting material. The electrical and mechanical location methods provide highly precise location. Concurrently, the crank-link mechanism provides stable and safe operation. The surface cutting machine is equipped with a modular cutting device to cut the surface on both sides of the mould through multiple rough cutting and finished cutting processes. Our horizontal cutting machine eliminates settlement cracks when cutting thin plate. The minimum cutting thickness of the machines plate reaches 50mm. The vertical cutting machine adopts a swing frame cutting mode and the amplitude is 60mm. This machine is equipped with a high precision guide way slide to ensure the lateral error is below 0.5mm. The cutting process is extremely accurate in order to ensure that the cutting surface is smooth. Then, our semi-product clamping machine carries products to the tilting table, where removes the upper layers with a thickness less than 60mm according to the requirements.

The crank arm of de-moulding machine was installed with pulley can open and close the mould smoothly, reducing wear, the patented opening and closing device with special limit design can ensure the positioning accuracy and safety.

Grooving Machine has four sets of cutters can be adjusted automatically without shutting down according to different production requirements of grooving sizes, meanwhile the blocks are produced in one mould at the same time, the cutters can partially groove the cake of panels.

Slotting device can process the semi-finished products of green cake, accurately cut out the groove at the joint of blocks instead of the processing the white cake, so as to improve efficiency and reduce the construction cost.

Autoclaving Section:

The semi-finished products are marshalling before being transported to the autoclave. The unloading is carried out by ferry car automatically. After autoclaving, the products are transported to the packing system. The stacking machine transports the cake to the packing line.

Packing Section:

The layers of blocks are separated by separator to avoid the appearance of adhesiveness of the products. Then the separated product is transported to the double chain packing line. The packing line combines two 600mm wide embryos into 1,200mm to match the width of the tray. The cake transferred machine avoids the adhesiveness and collapse in the stack separation process. Packing with pallet or no-pallet can be optional. The packing system can package the finished products automatically. Finally, the finished products are transported to storage yard by forklift.

1.7 Project Size

The manufacturing plant will increase production capacity from 49,500 metric tons per year to 262,500 metric tons per year on year 1 up to maximum of 1,000,000 metric tons per year on year 5. The table below shows the existing production capacity of MVBC and their proposed expansion.

Table 1.3: Matrix Comparison of Existing Production Capacity and the Proposed Expansion

PERIOD	Capacity on Existing ECC	Production Capacity per Year (considering the proposed expansion and increase in capacity)				
		YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
Production Volume (Metric Tons)	49,500	262,500	337,500	412,500	450,000	1,000,000

1.8 Description of Project Phases and Corresponding Timeframes

1.8.1 Construction / Development Phase

MVBC have secured an Environmental Compliance Certificate for their Autoclaved Aerated Concrete Blocks Manufacturing Plant with a capacity of 49,500 metric tons covering a total area of 56,795 sqm. The construction of the Staff Houses (Function and Dormitory), Office / Admin Building and the Final Product Stock Pile for Production Line-1 has already commenced but due to the restrictions caused by the current global pandemic, some of the processes and construction activities have been put on hold thus having delays with the schedule of commercial operations.

1.8.2 Operational Phase

During operation, the manufacturing plant will operate 8 hours per day (8:00 AM to 5:00 PM inclusive of breaktime period). With the proposed expansion, the projected operating time will increase from 1 shift per day to 3 shifts per day in order to attain the maximum targeted capacity.

1.8.3 Abandonment Phase

Ultimately, the building will not only depreciate in value, but will also degrade structurally. Modern engineering structural maintenance and repairs, however, can prolong the life of the structure well beyond its expected service life.

The manufacturing plant is estimated to operate for about 30 years, semi-permanently. During abandonment, there will be no major changes that will be done on the structures and land. Decommissioning / demobilization activities after construction and an abandonment framework will be detailed in an Abandonment Plan which will be submitted ninety (90) days prior to abandonment.

1.9 Manpower

The proposed expansion is expected to generate jobs and livelihood to the host community. Although a percentage of technical personnel will be provided by Chinese consultants, since chinese technology will be employed for the AAC Manufacturing Plant, the proponent is committed to provide equal opportunities for employment to the host barangay and municipality as well as its neighboring communities.

Currently there are ongoing construction activities in the project and there are 80 personnel working on site, breakdown is as follows: Direct Labor (65), Indirect Labor (5), Admin (10).

1.10 Indicative Project Investment Cost

The indicative investment cost for the project is estimated at Eight Hundred Eighty-Six Million Three Hundred Twenty Thousand Pesos (PhP 886,320,000).

Proposed Expansion of the Autoclaved Aerated Concrete Blocks Manufacturing Plant Project

by : Metro Versatile BuildTech Corp.

Barangay San Antonio,
Municipality of Bacolor
Province of Pampanga

The PROPONENT

METRO VERSATILE BUILDTECH CORPORATION

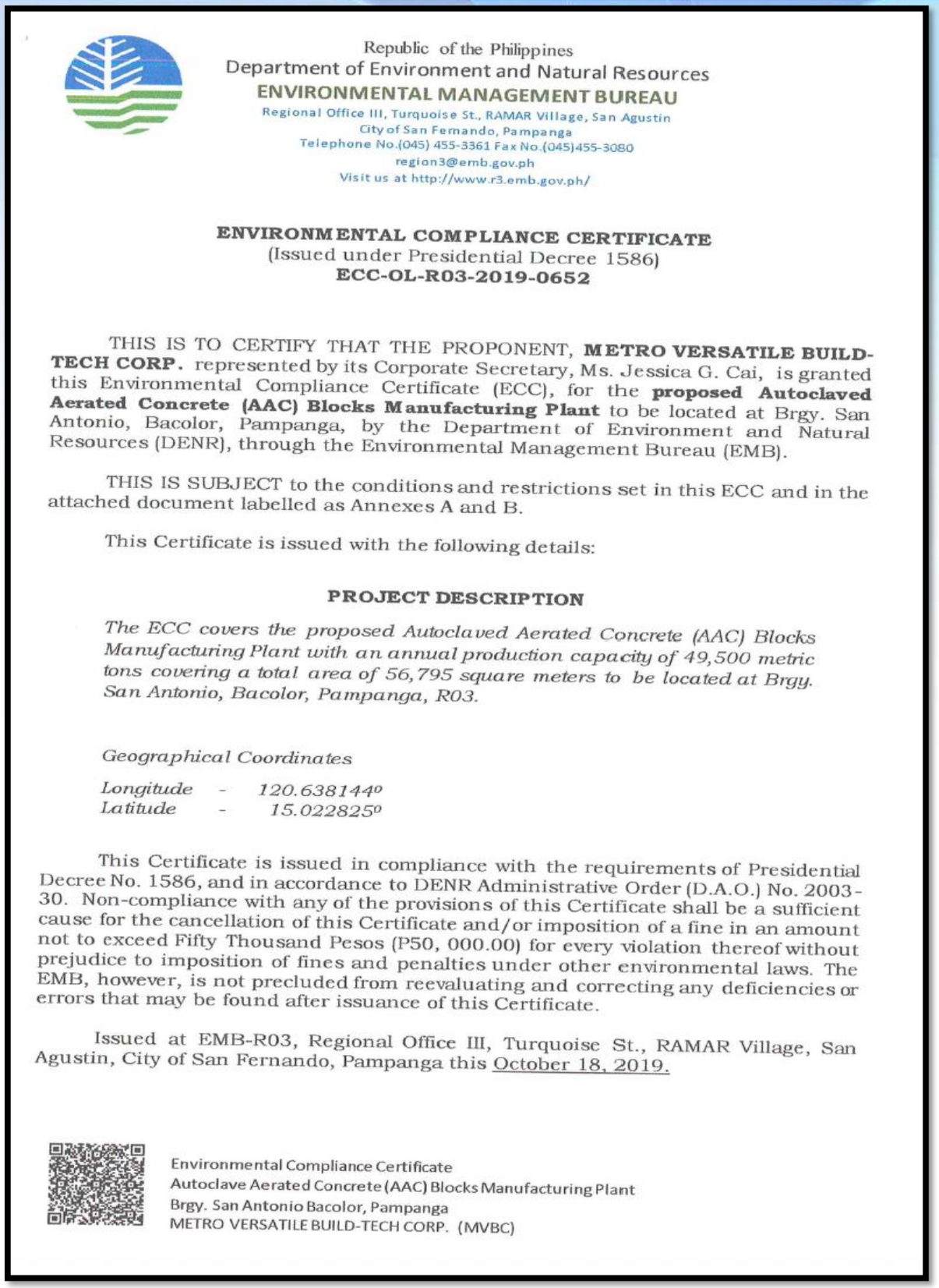
Address **:** Barangay San Antonio, Bacolor, Pampanga

Authorized Representative : Ms. Jessica Cai, Corporate Secretary
Contact Details : 0917-599-6000
Email Address. : secretary@mvbc.com.ph / jessicacai88@gmail.com

Project Background and Information

- The project involves the manufacturing of concrete blocks utilizing autoclave and aeration technology.

- The current project having an area of 56,795 square meters with an annual production capacity of 49,500 metric tons was issued an Environmental Compliance Certificate with No. ECC-OL-R03-2019-0652 in Oct. 18, 2019.



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
Regional Office III, Turquoise St., RAMAR Village, San Agustin
City of San Fernando, Pampanga
Telephone No.(045) 455-3361 Fax No.(045)455-3080
region3@emb.gov.ph
Visit us at http://www.r3.emb.gov.ph/

ENVIRONMENTAL COMPLIANCE CERTIFICATE
(Issued under Presidential Decree 1586)
ECC-OL-R03-2019-0652

THIS IS TO CERTIFY THAT THE PROPONENT, **METRO VERSATILE BUILD-TECH CORP.** represented by its Corporate Secretary, Ms. Jessica G. Cai, is granted this Environmental Compliance Certificate (ECC), for the **proposed Autoclaved Aerated Concrete (AAC) Blocks Manufacturing Plant** to be located at Brgy. San Antonio, Bacolor, Pampanga, by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau (EMB).

THIS IS SUBJECT to the conditions and restrictions set in this ECC and in the attached document labelled as Annexes A and B.

This Certificate is issued with the following details:

PROJECT DESCRIPTION

The ECC covers the proposed Autoclaved Aerated Concrete (AAC) Blocks Manufacturing Plant with an annual production capacity of 49,500 metric tons covering a total area of 56,795 square meters to be located at Brgy. San Antonio, Bacolor, Pampanga, R03.

Geographical Coordinates

Longitude - 120.638144º
Latitude - 15.022825º

This Certificate is issued in compliance with the requirements of Presidential Decree No. 1586, and in accordance to DENR Administrative Order (D.A.O.) No. 2003-30. Non-compliance with any of the provisions of this Certificate shall be a sufficient cause for the cancellation of this Certificate and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (P50, 000.00) for every violation thereof without prejudice to imposition of fines and penalties under other environmental laws. The EMB, however, is not precluded from reevaluating and correcting any deficiencies or errors that may be found after issuance of this Certificate.

Issued at EMB-R03, Regional Office III, Turquoise St., RAMAR Village, San Agustin, City of San Fernando, Pampanga this October 18, 2019.

Environmental Compliance Certificate
Autoclave Aerated Concrete (AAC) Blocks Manufacturing Plant
Brgy. San Antonio Bacolor, Pampanga
METRO VERSATILE BUILD-TECH CORP. (MVBC)

Project Background and Information

Current Project Location

Proposed Expansion (Increase in Project Area and Annual Production Capacity)

Area covered by ECC-OL-R03-2019-0652

Proposed Additional Area

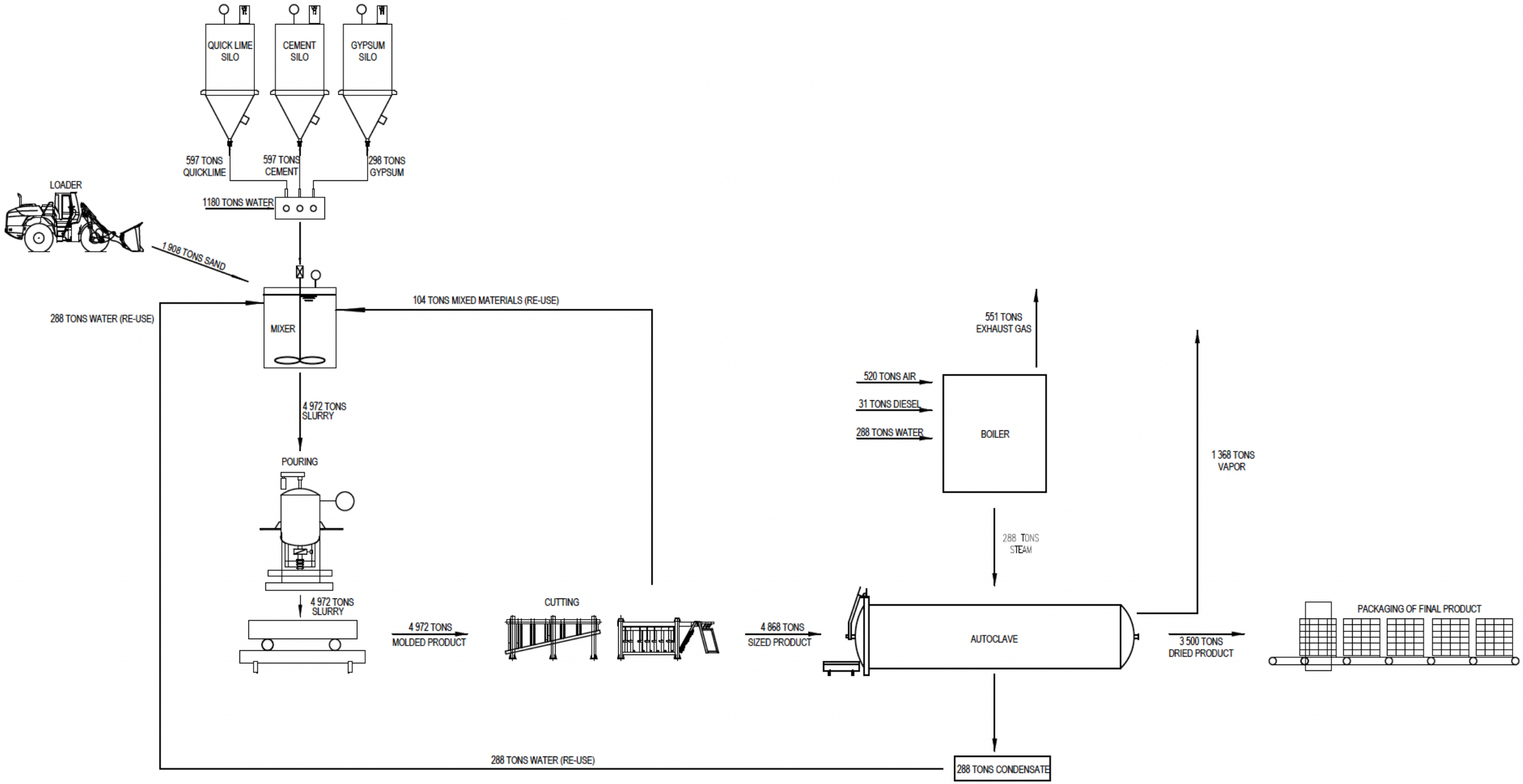
Project Components

Particulars	ECC-OL-R03-2019-0652	Proposed Expansion
Area (square meters)	56,795.00	42,972.00 (Additional Area) / 99,767.00 (Total Area)
Annual Production Capacity (Metric Tons)	49,500.00	1,000,000.00
Components	-Living area, office, Staff house	- Cutting conveyor
	-Warehouse for final products line-1	- Ground-fixed tilting table
	-Production line-1	- Side plate conveyor
	-Ball Mill	- Stacking crane
	-Boiler	- Ferry car after autoclave
	-Deep well	- Automatic transit car
	-Generator set	- Packing system
	-Diesel Storage Tank	- Separating trolley
	-Storage area for Raw Materials	- Separator
	-Rain Water Setting Pond	- Clamping crane
	-Waste water discharging Point	- Combining machine
	-Transformer for Production line-1	- Wide clamping crane
	-Transformer for Living Area	- Packing conveyor
	-Air compressor	- Anti-falling device
	-Guard House and Fencing	- Block transfer machine
	-Pump and Mixer	

Process and Technology

MASS BALANCE

MVBC AAC BLOCK MANUFACTURING



Current Project Status

- Areas and components covered by ECC-OL-R03-2019-0652 are in the construction Stage.

- In compliance with the conditions in the ECC, the Proponent has secured the following permits:
  - Hazardous Waste Generator Registration Certificate (issued June 29, 2021)
  - Permit to Operate for Generator set (issued in June 17, 2021)
  - Wastewater Discharge Permit (issued in July 31, 2021)

Photos of the Project area

Dakal a Salamat

METRO VERSATILE BUILDTECH CORPORATION