## Republic of the Philippines DEPARTMENT OF ENERGY Energy Center, Bonifacio Global city, Taguig City SEMI-ANNUAL ENERGY CONSUMPTION REPORT [ ] January - June, 20\_\_\_\_\_

[ ] July - December, 20\_\_\_\_\_

**Industrial Sector** 

Name of Establishment: Tel. No.:											
Address/ Location :											
Main Business Activity											
Number of Em,ployees:		Male	Female								
A. TOTAL ENERGY CONSUMPTION											
Energy Source	Unit	Quantity	Conversion Factor	Liters	of Oil Equivalent (LOE)						
1. Gasoline	L		0.847								
2. Diesel	L		0.924								
3. Fuel Oil	L		1.000								
4. Kerosene	L		0.873								
5. Liquified Natural Gas	L		0.560								
6. AVGAS	L		0.842								
7. AVTURBO	L		0.873								
8. Waste Oil	L		1.000								
9. LPG	KG		1.178								
9. Coal	MT		[NOTE 1]								
10. Bagasse	MT		[NOTE 1]								
11. Net Purchased Steam	MT		[NOTE 2]								
12. Net Purchased Electricity	KWH		0.261								
7. Solar	KWH		0.110								
13. Others											
TOTAL EN	ERGY CON	SUMPTION (LOE)									
Please state changes in the process or any problems encountered in your operations that may have affected your energy consumption for this guarter. Use separate sheet.											
B. ENERGY CONSUMPTION IN TRANSPORTATION											
					Activity						
Fuel Type	Unit	Hauling		Others (Specify)							
1. Gasoline	L										
2. Diesel	L										
3. LPG.	L										
4. Others (Specify)											
C. ELECTRICITY GENERATION											
Generating Units	Capacity	Fuel Type	Consumption Quantity (Liters(	Hours of Operation	Electricity Generated (Kilowatt-hr)						
1.											
2.											
3.											
4.											
l otal											
Notes:											

1. MT to LOE: MT fuel x 0.024 x GHV = gross heating value of Fuel, kJ/kg (This is applicable for all solid fuels).

2. Steam quantity should be expressed in terms of equivalent evaporation from and to 100 degrees C at 1 atm.

MT steam (100 deg C, 1 atm) = Actual MT steam x 0.000443 x H (H = different between heat contents of steam and boiler feed water, kJ/kg)

→MT steam (100 deg C, 1 atm) to LOE: (MT steam at 100 deg C, 1 atm) x 5398.1/E (E = boiler efficiency, %)

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* - Use Additional Sheet if Nec	essary	D.	STEAM GENERAT	ION		Page 2/2				
Boiler Units*	Capacity kg/hr	Fuel Type	Consumption Quantity (liters)	Hours of Operation	% Efficiency	Steam Generation (MT)				
1.										
2.										
3.										
Total										
Is the plant generating elec	ctricity and ste	eam? Yes [ ] No [	]							
If yes: A. Recovered steam used in production (MT)										
B. Recovered steam used in other process (MT)										
E. ELECTRICITY AND STEAM UTILIZATION										
		Electric	itv. KWH		Steam, MT					
1. Production	1 Production									
2. Auxiliary Services										
3. Losses										
Total										
		E W								
		1.0								
1. Luka Oil Consumption		Unit	Quantity		a d	Unit Quantity				
1. Lube Oil Consumption		L		4. Waste Oll recycl	ea					
2. Waste Oil Collected		L		Specity use:						
S. Waste Oil Sold				<u> </u>						
		G. ENERGY C	CONSUMPTION IN	PRODUCTION						
1.0. Energy Consumption Per Product Line/ Activity										
	Ï			- 	-	I				
Energy Resource	Unit									
1. Gasoline	L									
2. Diesel	L									
3. Fuel Oil	L									
4. Kerosene	L									
5. LPG	L									
6. AVGAS	L									
'7. AVTURBO	L									
8. Waste Oil	L									
9. Coal	MT									
10. Bagasse	MT									
11. Steam	MT									
12. Electricty	KWH									
13. Others										
2.0 Production Volume			Production \	Volume Per Produc	t Line/Activity					
Unit										
Quantity										
Hours of Operation						1				
Hours Shutdown						1				
Rated Capacity						1				
Rated Stream Hours						1				
PSIC Code						I				
		-		-		-				

Prepared by:

Approved by:

Signature Over Printed Name

Position

e-mail address NOTES:

Date

Please refer to the General Instruction When Accomplishing this form. Schedule of Submission: 1st Semester - July 31

2nd Semester - January 31

Position

Signature Over Printed Name

e-mail address

Date