

S3.2 Environment Management System & Reporting

Please attach a supporting document with the following:

1. Environmental Policy containing the installation's environmental objectives and targets;
2. Environmental Management Programme report (for the reporting year);
3. Environmental Management Programme proposal (for the following year);

Tick (✓)

✓
✓
✓

S3.3 Process Data

S3.3.1 Annual Summary

	Units	Previous reporting year	Current reporting year
Quantity of energy produced (Generated January –December)	MWh	383703	641613
MWH used in station for auxiliaries	MWH	12429	16015
Total Annual Energy Consumption (from fuels Gas (LHV) + Diesel (LHV))	MWh	846697.37	1,415,864
Energy consumption per unit product	MWh consumed/ MWh produced	846697.37/383703	1,415,864/641613
Annual water consumption	m ³	35910	20581
Water consumption per unit product	m ³ /MWh	35910/383703	20581/641613
Annual quantity of waste produced	Tonnes	66.261	97.254
Waste produced per unit product	tonne waste/ MWh	66.261/383703	97.254/641613

S3.3.2 Fuel consumption

	Units	Sulphur Content ¹	Consumption	
			Previous Year	Current Year
Natural Gas (HHV)	GJ	<30ppm	3,302,343	5,541,000
Gas Oil	m ³	0.082% by mass	1,753.10	1432.31

¹ Specify units (e.g. as percentage, or mg/kg)

S3.4 Monitoring Data of Emissions to Air

S3.4.1 Summary of emissions to air (concentrations)

S3.4.1.1 Emissions of Dust (TSP), Nitrogen Oxides (NO_x) and Sulphur Dioxide (SO₂)

Parameter	Emission point reference	Standard methodology used	Annual average pollutant concentration	Mean Monthly Limit Value	Total annual number of exceedances of monthly mean value after validation		48 hourly Mean Limit Value (% compliance)	Percentage of exceedances of 48 hourly mean limit value after validation	
			mg.Nm ⁻³	mg.Nm ⁻³	Previous year	Present year	mg.Nm ⁻³	Previous year	Present year
Total Suspended Particulates	DPS6	EN 15267-3, EN 14181	1.32	5	0	0	5	0.55%	0%
Oxides of Nitrogen	DPS6	EN 14181, EN 15267-3, EN ISO 14956	40.15	50	0	2 ¹	55	4.92%	4.37% ¹
Sulphur Dioxide	DPS6	EN 14181, EN 15267-3, EN ISO 14956	0.185	10	0	0	10	1.09%	0%

Refer to 'Emission summary - 2020' excel file and previous emissions data sent for 2020 for derivation of figures in above table:

Note 1: Exceedances over the Gas limit of 50mg/Nm³ are mainly registered by system due to Diesel operation mainly occurring during 2020

Additional documentation to be submitted:

Accreditation certificate(s) of laboratory Tick (✓)
AST

S3.4.1.2 Emissions of Carbon monoxide (CO)

Emission point reference	Standard methodology used	Annual average pollutant concentration	Monthly Limit Value	Total annual number of exceedances of monthly mean value after validation	
		mg.Nm ⁻³	mg.Nm ⁻³	Previous year	Present year
DPS6	EN 14181, EN 15267-3, EN ISO 14956	13.3625	100	0	0

S3.4.1.3 Emissions of Ammonia

Emission point reference	Standard methodology used	Mean Annual Limit Value	Annual average Pollutant Concentration (mg.Nm ⁻³)	
		mg.Nm ⁻³	Present year	Previous year
DPS6	EN 14181, EN 15267-3, EN ISO 14956	2.6	0.2	0.2

Refer to 'Emission summary - 2020' excel file

S3.4.2 Monthly Loads of Particulates, SO₂ and NO_x*ONE PAGE PER PLANT TO BE SUBMITTED*

Operator: Enemalta Corporation Ltd.	Plant no. DPS _6__
Location: Delimara.	Heat Value of Fuel fired: 55.97_(HHV)_GJ.Mg ⁻¹
Reporting year: <u>2020</u>	2020

Month	Main Gas Fuel Burn During this period Mg . month ⁻¹	Monthly SO ₂ Load Kilograms	Monthly NO _x Load Kilograms	Monthly Dust Load Kilograms
January	7957	98.6	15923.7	511.7
February	7161	3.0	13848.3	478.4
March	4675	164.6	16962.2	324.0
April	5606	32.0	14034.2	407.3
May	7867	118.5	15721.5	490.3
June	10374	0.0	19507.4	877.6
July	13287	0.3	25582.3	908.5
August	13311	0.5	25198.8	866.9
September	10165	154.3	21014.0	767.2
October	8756	0.2	19038.8	526.0
November	5265	229.5	19066.4	548.2
December	4578	0.0	10145.6	451.2
TOTAL	99002	801.6	216043.2	7157.3

Pollutant Load (Mg) = Pollutant concentration (µg.Nm⁻³) × 1×10⁻⁹ × WGF (m³.month⁻¹)
(WGF = waste gas flow rate).

S3.4.3 Annual Data**S3.4.3.1 Annual Load of Particulates, SO₂ and NO_x**

Units	Rated Thermal Input MW _{TH}	Type	Fuel	Fuel Burn Mg.yr ⁻¹	Heat Value GJ.Mg ⁻¹	Annual Emissions* SO ₂ Kilograms	Annual Emissions* NO _x Kilograms	Annual Emissions* dust Kilograms
Delimara 6	308	Diesel engines	Gas	99002	55.97(HHV)	801.6	216043.2	7157.3
			Diesel	1193	42.96 (NCV)			

* Sum of the total emissions during normal operations + total emissions during start-up/shut down periods.

S3.4.3.2 Annual Load of Ammonia*ONE PAGE TO BE SUBMITTED FOR DPS 6*

Operator: Enemalta Corporation Ltd.	Plant no. DPS _6_
Location: Delimara.	Heat Value of Fuel fired(HHV)
Reporting year: <u>2020</u>	<u>55.97</u> GJ.Mg ⁻¹

Year	Annual Ammonia Load Kilograms
Previous	585.6
Current	1124

Additional documentation to be submitted:

Accreditation certificate(s) of laboratory	<div>Tick (✓)</div> <div>N/A</div>
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S3.4.4: Emissions to Air from the Auxiliary Steam Boiler)

Emission Point Reference	Parameter	Limit Value at 3% O ₂	Concentration ⁱ (mg/m ³)
D6E	Sulphur Dioxide	170	10
	Oxides of Nitrogen	200	88
	Dust	30	1.2

Documentation to be submitted: Refer to attached reports of Auxiliary Boiler tests. Emissions tests on Auxiliary Boiler will be done every 3 years.

Accreditation certificate(s) of boiler	Report of Auxiliary boiler emissions report (2020)
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S3.4.5: Certificates of Analysis for physical and chemical parameters of fuels

Documentation to be submitted:

Certificates of analysis for physical and chemical parameters of fuels for reporting year (indicate number of certificates submitted)
Accreditation certificate(s) of laboratory

Tick (✓)

✓

S3.6: Wind Rose

Documentation to be submitted:

Wind rose for the reporting year showing wind speed and direction at the site

Tick (✓)

Refer to Ene Framework Permit AER

S3.7: Ambient Air Quality Monitoring – Refer to ENE framework AER

Sampling location	
Number of PM ₁₀ daily samples taken during reporting year	
Number of PM _{2.5} daily samples taken during reporting year	
Number of samples analysed for arsenic, cadmium, nickel, lead and vanadium during reporting year	

	PM ₁₀ (ug/m ³)	PM _{2.5} (ug/m ³)
Annual limit value (in accordance with LN 478 of 2010)	40	25

ⁱ Annual average if more than one measurement is taken. Concentration shall be corrected to 3% O₂.

Annual average measurement		
Highest recorded measurement during reporting year		
Daily limit value (in accordance with LN 478 of 2010)	50	n/a
Number of exceedances of daily limit value		n/a

Sampling dates	Monitoring result (<i>specify units</i>)				
	Arsenic	Cadmium	Nickel	Lead	Vanadium
Average					

Note: In the table above, underline values which exceed the target/limit values specified in LN 478 of 2010.

Name of laboratory carrying out sampling and measurement	
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Additional documentation to be submitted:

Accreditation certificate(s) of laboratory ☐ Tick (✓)

S3.8 Emissions to Marine Water – Refer to ENE framework Permit

S3.8.1 Emissions to Marine Water: Physical and Chemical Monitoring

ONE REPORT PER OUTLET TO BE SUBMITTED

Name of outlet and reference number: _____

No	Parameter	Limit (annual average)	Standard methodology used	Concentration (annual average) ⁱ			Total annual mass emissions		
				Units	Previous year	Present year	Units	Previous year	Present year
1	Flow			-	-	-			
2	pH								
3	Temperature								
4	Biological oxygen demand (BOD5)								
5	Total Nitrogen								
6	Phosphorous compounds as total phosphorous, as per EN ISO 15681								
8	Chlorine dioxide and oxidants (given as chlorine)								
9	Arsenic								
10	Cadmium								
11	Chromium (Total)								
12	Copper								
13	Lead								
14	Mercury								
15	Nickel								
16	Tin								
17	Vanadium								
18	Zinc								
19	Total petroleum hydrocarbons								
20	Tributyl tin compounds (tributyltin cation; CAS number 36643-28-4)								
21	Total Suspended Solids								
22	Benzene (CAS number 71-43-2)								
23	PAHs as follows:								

ⁱ Exceedances are to be clearly highlighted in red.

No.	Parameter	Limit (annual average)	Standard methodology used	Concentration (annual average) ⁱ			Total annual mass emissions		
				Units	Previous year	Present year	Units	Previous year	Present year
	Benzo(a)pyrene								
	Benzo(b)fluoranthene, Benzo(k)fluoranthene								
	Benzo(g,h,i)-perylene, Indeno(1,2,3-cd)-pyrene								
24	C10-C13 chloroalkanes (CAS number 85535-84-8)								
25	Polychlorinated biphenyls (CAS number 1336-36-3)								

Name of laboratory where tests in this section have been carried out	
Is this laboratory accredited (certified) for the above tests?	Yes <input type="checkbox"/> No <input type="checkbox"/>

Additional documentation to be submitted:

Accreditation certificate(s) of laboratory Tick (✓)
☐

Were there any exceedances in the present reporting year?	Yes <input type="checkbox"/> No <input type="checkbox"/>
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If yes, one of the following is also to be submitted:

Action programme aimed at achieving emission limits Tick (✓)
☐
Document designating a mixing zone following the procedures specified in Schedule IX(3) "Mixing Zones" in L.N. 345 of 2015 ☐

S3.8.2 Emissions to Marine Water: Ecological Monitoring – Refer to ENE framework Permit

Date on which survey was carried out:	
Did the survey reveal a decline in the conservation status of any of the habitat types and species in the area, especially those listed in the Schedules LN 311/06?	Yes <input type="checkbox"/> No <input type="checkbox"/>

Additional documentation to be submitted:

Ecological survey for reporting year
 Proposals for mitigation measures (only required if the survey revealed a decline in the conservation status)

Tick
(✓)

S3.9 Noise monitoringⁱ - Refer to ENE framework Permit

Monitoring point ⁱⁱ	Date sampled	Time sampled	Operating conditions	Noise measurement	Units	Other comments (if any)

Additional documentation to be submitted:

	Tick (✓)
Map showing monitoring points	
Detailed noise report ⁱⁱⁱ	

ⁱ Noise monitoring shall be carried out according to BS 4142:1997.

ⁱⁱ Monitoring points should be labelled using a unique code, and should be suitably sited. A corresponding labelled map showing the location of each monitoring points shall be submitted.

ⁱⁱⁱ The detailed noise report should include information about the various monitoring points chosen, an analysis of the results and suggestions for improvement (if applicable).

S3.10 Off-site transfers of waste

Date of transfer	EWC Code ⁷	Description of waste	Quantity of waste (in kg)	Treatment applied before transfer	Mode of transport	Names of agent & transporter of waste	Ultimate destination (address) of waste	Consignment note number ⁸	Name of person responsible for ultimate disposal/recovery	Disposal/Recovery	Details of Recovery (if applicable)
08/01/2020	20 03 01	Mixed General Waste	100	/	Veladrians Ltd	18	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	
15/01/2020	20 03 01	Mixed General Waste	120	/	Veladrians Ltd	20	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	
22/01/2020	15 01 06	Recyclables	80	/	Veladrians Ltd	22	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Recycling	
24/01/2020	20 03 01	Mixed General Waste	120	/	Veladrians Ltd	24	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	
29/01/2020	20 03 01	Mixed General Waste	60	/	Veladrians Ltd	26	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	
04/02/2020	13 01 10	Sludge/Oily water	13780	/	Waste Oils Ltd	151632	Tank truck	Ricasoli Port Facility Ltd	Oliver Debono	Recycling	

⁷ European Waste Catalogue Code (Reference: Decision 2000/532/EC)

⁸ For hazardous waste only. If waste is not hazardous, please write "n/a".

								Triq ir-Rinella Kalkara			
05/02/2020	20 03 01	Mixed General Waste	80	/	Veladrians Ltd	31	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	
12/02/2020	20 03 01	Mixed General Waste	420	/	Veladrians Ltd	29	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	
19/02/2020	20 03 01	Mixed General Waste	100	/	Veladrians Ltd	32	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	
26/02/2020	20 03 01	Mixed General Waste	120	/	Veladrians Ltd	33	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	
28/02/2020	15 01 06	Recyclables	20	/	Veladrians Ltd	35	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Recycling	
10/03/2020	13 01 10	Sludge/Oily water	10,000	/	Waste Oils Ltd	154029	Tank truck	42 Spencer Hill Marsa, MRS 1955, Malta	Oliver Debono	Recycling	
10/03/2020	13 01 10	Sludge/Oily water	240	/	Waste Oils Ltd	25749 154027	Tank truck	42 Spencer Hill Marsa, MRS 1955, Malta	Oliver Debono	Recycling	
10/03/2020	13 01 10	Sludge/Oily water	8220	/	Waste Oils Ltd	25782 154027	Tank truck	42 Spencer Hill Marsa, MRS 1955, Malta	Oliver Debono	Recycling	

04/03/2020	20 03 01	Mixed General Waste	120	/	Veladrians Ltd	37	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	
05/03/2020	17 04 07	Scrap metal	6220	/	Gasparell			HHF 601 Qasam Industrijali, Hal Far , B'Bugia Malta BBG 3000	Godfrey Cutajar	Recycling	
11/03/2020	20 03 01	Mixed General Waste	120	/	Veladrians Ltd	39	Truck	HHF 601 Qasam Industrijali, Hal Far ,	Adrian Vella	Disposal	
13/03/2020	15 01 10	Contaminated Packaging	103	/	PT Matic	8781 154323	Truck	B'Bugia Malta BBG 3000	Ricardo Branco	Recovery	
13/03/2020	15 02 02	Oily rags	848	/	PT Matic	8779 154325	Road&Ship	ECODEAL Eco Parque Do Relvao Rua Pinhal Do Duque 2140-671 Carregueira Chamusa	Manuel Simoes	Recovery	
13/03/2020	20 01 35	WEEE	27	/	PT Matic	8780 154326	Truck	Garage 19, J&J Boatyard & Warehousing Ta' I-Ghadajma, Mqabba	Ing Oliver Fenech	Temporary storage	
18/03/2020	20 03 01	Mixed General Waste	120	/	Veladrians Ltd	40	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	

25/03/2020	20 03 01	Mixed General Waste	80	/	Veladrians Ltd	43	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	
30/03/2020	13 01 10	Sludge/Oily water	17000	/	Waste Oils Ltd	25846 155266	Tank truck	44 Spencer Hill Marsa, MRS 1955, Malta	Oilver Debono	Recycling	
01/04/2020	20 03 01	Mixed General Waste	60	/	Veladrians Ltd	44	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	
08/04/2020	20 03 01	Mixed General Waste	80	/	Veladrians Ltd	46	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	
15/04/2020	20 03 01	Mixed General Waste	100	/	Veladrians Ltd	49	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	
22/04/2020	20 03 01	Mixed General Waste	60	/	Veladrians Ltd	50	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	
24/04/2020	15 01 06	Recyclables	60	/	Veladrians Ltd	51	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Recycling	
29/04/2020	20 03 01	Mixed General Waste	40	/	Veladrians Ltd	53	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Adrian Vella	Disposal	

07/05/2020			Delivery of 3x 1100l skips	/	Kwinta Enterprise	-	-		Ing Oliver Fenech		
18/05/2020	20 03 01 15 01 16	Mixed and recyclable	40 40	/	Kwinta Enterprise	146	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal and recycling	
25/05/2020	20 03 01 15 01 16	Mixed and recyclable	40 40		Kwinta Enterprise	149	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal and recycling	
27/05/2020	13 01 10	Sludge/Oily water	19900	/	Waste Oils Ltd	25130 158718	Tank truck	42 Spencer Hill Marsa, MRS 1955, Malta	Oliver Debono	Recycling	
08/06/2020	20 03 01	Mixed General Waste	260	/	Kwinta Enterprise	155	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	
08/06/2020	15 01 06	Recyclables	20	/	Kwinta Enterprise	155	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	
22/06/2020	20 03 01	Mixed General Waste	180	/	Kwinta Enterprise	169	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	
22/06/2020	15 01 06	Recyclables	20	/	Kwinta Enterprise	169	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	

06/07/2020	20 03 01	Mixed General Waste	200	/	Kwinta Enterprise	170	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	
06/07/2020	15 01 06	Recyclables	40	/	Kwinta Enterprise	170	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	
20/07/2020	20 03 01	Mixed General Waste	360	/	Kwinta Enterprise	177	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	
20/07/2020	15 01 06	Recyclables	40	/	Kwinta Enterprise	177	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	
22/07/2020	15 01 10	Contaminated packaging	73	/	PT Matic	9618 162292	Road&Ship	Socer-Embalagens LDA Rua de Central, Zona Industrial De Campo, Portugal	Ricardo Branco	Recovery	
22/07/2020	15 02 02	Contaminated media	938	/	PT Matic	9617 162291	Road&Ship	Cirver-Sisav Rua Cabeco Do Seixo, ECO Parque Do Relvao 2140-671 Chamusca - Portugal	Jorge Afonso	Recovery	
03/08/2020	20 03 01	Mixed General Waste	230	/	Kwinta Enterprise	185	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	

03/08/2020	15 01 06	Recyclables	15	/	Kwinta Enterprise	185	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	
12/08/2020	13 01 10	Sludge/Oily water	19880	/	Waste Oils Ltd	25198 163792	Tank truck	42 Spencer Hill Marsa, MRS 1955, Malta	Oilver Debono	Recycling	
17/08/2020	20 03 01	Mixed General Waste	240	/	Kwinta Enterprise	192	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	
17/08/2020	15 01 06	Recyclables	20	/	Kwinta Enterprise	192	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	
31/08/2020	20 03 01	Mixed General Waste	140	/	Kwinta Enterprise	201	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	
31/08/2020	15 01 06	Recyclables	20	/	Kwinta Enterprise	201	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	
31/08/2020	16 06 04	Batteries	2	/	Batree	11844	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	
14/09/2020	20 03 01	Mixed General Waste	280	/	Kwinta Enterprise	210	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	

14/09/2020	15 01 06	Recyclables	40	/	Kwinta Enterprise	210	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	
16/09/2020	13 01 10	Sludge/Oily water	10,000	/	Waste Oils Ltd	165939 Waste oils 25210	Tank truck	42 Spencer Hill Marsa, MRS 1955, Malta	Oliver Debono	Recycling	
28/09/2020	20 03 01	Mixed General Waste	300	/	Kwinta Enterprise	216	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	
28/09/2020	15 01 06	Recyclables	60	/	Kwinta Enterprise	216	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	
12/10/2020	20 03 01	Mixed General Waste	200	/	Kwinta Enterprise	225	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	
12/10/2020	15 01 06	Recyclables	40	/	Kwinta Enterprise	225	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	
13/10/2020	13 01 10	Sludge/Oily water	19280	/	Waste Oils Ltd	25315 167653	Tank truck	44 Spencer Hill Marsa, MRS 1955, Malta	Oliver Debono	Recycling	
26/20/2020	20 03 01	Mixed General Waste	260	/	Kwinta Enterprise	233	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	

26/10/2020	15 01 06	Recyclables	20	/	Kwinta Enterprise	233	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	
09/11/2020	20 03 01	Mixed General Waste	360		Kwinta Enterprise	246	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	
09/11/2020	15 01 06	Recyclables	40		Kwinta Enterprise	246	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	
19/11/2020	15 02 02	Contaminated packaging	1230	/	PT Matic	11073 170025	Truck	Garage 19, J&J Boatyard & WarehousingTa' I-Ghadajma,Mqabba	Ing Oliver Fenech	Temporary storage	
19/11/2020	16 02 13	WEEE	63	/	PT Matic	11074 delivery note	Truck	Garage 19, J&J Boatyard & WarehousingTa' I-Ghadajma,Mqabba	Ing Oliver Fenech	Temporary storage	
22/11/2020	20 03 01	Mixed General Waste	220	/	Kwinta Enterprise	262	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	
22/11/2020	15 01 06	Recyclables	40	/	Kwinta Enterprise	262	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	
27/11/2020	16 01 03	Rubber	201	/	PT Matic	11192	Truck	Garage 19, J&J Boatyard & WarehousingTa' I-Ghadajma,Mqabba	Ing Oliver Fenech		

12/07/2020	20 03 01	Mixed General Waste	200	/	Kwinta Enterprise	278	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	
21/12/2020	20 03 01	Mixed General Waste	200	/	Kwinta Enterprise	291	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Disposal	
21/12/2020	15 01 06	Recyclables	20	/	Kwinta Enterprise	291	Truck	Ta' L-Imriekeb, Ramla Road, Maghtab, Naxxar NXR 6542 Malta	Ing Oliver Fenech	Recycling	
23/12/2020	13 01 10	Sludge/Oily water	19080	/	Waste Oils Ltd	172399 27521 del note	Tank truck	44 Spencer Hill Marsa, MRS 1955, Malta	Oliver Debono	Recycling	

S3.11 Testing of bunds, pipes, pumps, valves, flanges, over-ground pipes and tanks

Number of bunds on site for tanks/containers $\leq 25 \text{ m}^3$ requiring testing in accordance with condition Error! Reference source not found.	See note 1 below
Number of oil interceptors on site	Qty 1
Number of tanks on site	Qty 16 - see note 1 below
Date of last test for bunds for tanks/containers $\leq 25 \text{ m}^3$	Internal weekly visual inspections – see FRM2.1 zip file & Pits inspection.
Testing for bunds for tanks/containers $\leq 25 \text{ m}^3$ due on (date)	Internal weekly visual inspections – see FRM2.1 zip file & Pits inspection.
Number of existing fuel tanks on site	Qty 2 (1 x diesel and 1 x diesel aux boiler) – see note 1.
Date of last test for pipes, pumps, valves and flanges for fuel delivery from delivery ship to tank farm	N/A
Testing of pipes, pumps, valves and flanges for fuel delivery from delivery ship to tank farm due on (date)	N/A
Date of last test for other flanges, valves and over-ground pipes on site	See attached report of 2019
Testing of other flanges, valves and over-ground pipes on site due on (date)	By end 2022
Date of last test for oil interceptors	Interceptor certificates 2020
Testing for oil interceptors due on (date)	Due in 2023

Additional documentation to be submitted if test was carried out during previous reporting year:

Tick (✓)

Inspection report and certification by approved auditor for bunds for tanks/containers $\leq 25 \text{ m}^3$ on site	Done 2020
Inspection report and certification by approved auditor for pipes, pumps, valves and flanges for fuel delivery from delivery ship to tank farm	N/A
Inspection report and certification by approved auditor for other flanges, valves and over-ground pipes on site	See report of 2019 attached
Inspection report and certification by approved auditor for oil interceptors	See report of 2020 attached

Bunds for tanks/containers $> 25 \text{ m}^3$:

Number of bunds on site for tanks $> 25 \text{ m}^3$	1 52m x 26m (subdivided in two sections for fuel and urea)
Number of visual inspections carried out during reporting year on each bund	Weekly – see Form 2.1
Total number of faults identified during reporting year	None

Total number of faults rectified during reporting year	None
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Additional documentation to be submitted for bunds for tanks/containers >25 m³:

Bund certification by warranted engineer

Summary report by warranted engineer on the visual inspections undertaken during the reporting year (including reports on faults and remedial actions taken)

Tick (✓)

FOT bund inspection report 2020
FOT bund inspection report 2020

Note 1: Only urea spillage tank 10m³ and LO maintenance tank 25m³ are less than 25m³ in volume from tanks in FOT area. They are included in Tank farm bund walls 52m x 26m subdivided in two sections. All pits in bund wall leading to piping pumping material to sludge tanks or by selection to oily water interceptor.

- Small tanks containers bunds for engine cooling water treatment chemical (25 litres tanks on site) , for Fresh water generator chemicals antifoam and antiscall namely and sodium metabisulphite.
- Waste area bunded area for waste lube oils and other waste oils or liquid waste - to be pumped in oily water system.
- To note that in details table listed below : all HFO tanks and empty and not in use.**

No	Name	KKS	Nominal size			Fire retardant foam	Overall height of shell	Insulated	Anchorage to foundation Leg / no legs	External colling
			Height	Diam	Volume					
S1	HFO service tank	40 MJN11 BB001	6,40	5	125	Yes	7,50	Yes, with heating coils	No legs	No
S2	HFO service tank	40 MJN12 BB001	6,40	5	125	Yes	7,50	Yes, with heating coils	No legs	No
S3	HFO buffer tank	40 EGF11 BB001	6,40	5	125	Yes	7,50	Yes, with heating coils	No legs	No
S4	HFO buffer tank	40 EGF12 BB001	6,40	5	125	Yes	7,50	Yes, with heating coils	No legs	No
S5	Diesel oil storage tank	40 MJN15 BB001	7,20	5	140	No	8,30	No	No legs	No
S6	Sludge oil tank	40 OGNL51 BB001	5,80	3	40	No	7,65	Yes, with heating coils	No legs	No
S7	Sludge oil tank	40 OGNL52 BB001	5,80	3	40	No	7,65	Yes, with heating coils	No legs	No
S8	Lube oil tank	40 MVA30 BB001	6,20	6	175	Yes	7,00	No	No legs	No
S9	Lube oil drain tank	40 MVD10 BB001	3,60	3	25	Yes	5,00	No	No legs	No

No	Name	KKS	Nominal size			Fire retardant foam	Overall height of shell	Insulated	Anchorage to foundation Leg / no legs	External colling
			Height	Diam	Volume					
U1	Urea dissolving tank	40 HSG11 BB010	5,20	4	65	No	6,70	Yes	No legs	No
U2	Urea dissolving tank	40 HSG12 BB010	5,20	4	65	No	6,70	Yes	No legs	No
U3	Urea storage tank	40 HSJ11 BB010	6,40	5	125	No	7,00	Yes	No legs	No
U4	Urea storage tank	40 HSJ12 BB010	6,40	5	125	No	7,00	Yes	No legs	No
U5	Urea spillage tank	40 GMG50 BB010	3,30	2	10	No	4,50	No	No legs	No
U6	Demin. water tank	40 HSL10 BB010	7,60	3	50	No	7,60	Yes	No legs	No

Auxiliary Boiler diesel tank double walled – 3m³.

S3.12 Incidents and Complaints – Nothing to report – Refer to ENE Framework Permit**S3.12.1 Non-Compliance Incidents during Reporting Year**

Date of incident	Brief description of Incident	Cause	Corrective action

Total number of non-compliance incidents for previous year:

Total number of non-compliance incidents for current reporting year:

S3.12.2 Complaints made by the public- Refer to ENE framework Permit

Date of complaint	Description of complaint	Actions taken

Total number of complaints for previous year:

Total number of complaints for current reporting year:

S3.13 Transport -

Name of ADR certified carrier used during reporting year	Material(s) transported
Attard Services	Lube Oils
Famalco	Urea Containers

Name of registered waste carrier used during reporting year	Waste type(s) transported
Waste Oils Co. Ltd	Oily Water, Waste Oils
Veladrians	Mixed waste & Recyclables
PT Matic	Hazardous Waste
Gasparell	Waste Metal
Kwinta Enterprise	Mixed waste & Recyclables

S3.14 Land monitoring – Refer to ENE Framework Permit

Land monitoring carried out in (year):

Land monitoring due in (year)

If land monitoring was due in current reporting year:

Sampling date/s	<input type="text"/>
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Additional documentation to be submitted:

Land monitoring programme

Land monitoring results

Accreditation certificates of laboratory

Tick (✓)

<input type="text"/>
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S3.15 Data on Ozone depleting substances and Fluorinated greenhouse gases

S3.15.1 Registration of equipment⁹

It is to be noted that D3PG didn't install any additional equipment, charge or reported loss of any SF₆ gas during year 2020. For future reference find hereunder reproduced all of the electrical equipment containing SF₆ gas and amount contained in this switchgear.

Equipment Category	Type and relevant description of equipment (including nameplate capacity) for each nameplate capacity category ¹ in place during this specific year	Number of equipment for each type as reported under column C in place during this year (not including equipment reported under columns F and H)	Quantity of SF ₆ (in Kg) used for topping up, either as routine practice or to cater for leakages, major faults and maintenance losses for equipment in place as reported under column D during this year	Number of newly installed equipment for each type reported under column C during this year	Quantity of SF ₆ (in Kg) charged into newly installed equipment or already present in newly installed equipment (as reported under column F) during this year	Number of decommissioned equipment for each type reported under column C during this year	Quantity of SF ₆ (in Kg) removed and collected from and disposed from decommissioned equipment (as reported under column H) during this year
Closed Pressure	132KV SF ₆ Gas insulated switchgear-Siemens 8DN8	8 bays	NA	NA	855kg	NA	NA
B	C	D	E	F	G	H	I
Equipment Category	Type and relevant description of equipment (including nameplate capacity) for each nameplate capacity category ¹ in place during this specific year	Number of equipment for each type as reported under column C in place during this year (not including equipment reported under columns F and H)	Quantity of SF ₆ (in Kg) used for topping up, either as routine practice or to cater for leakages, major faults and maintenance losses for equipment in place as reported under column D during this year	Number of newly installed equipment for each type reported under column C during this year	Quantity of SF ₆ (in Kg) charged into newly installed equipment or already present in newly installed equipment (as reported under column F) during this year	Number of decommissioned equipment for each type reported under column C during this year	Quantity of SF ₆ (in Kg) removed and collected from and disposed from decommissioned equipment (as reported under column H) during this year
Closed Pressure	Generator Neutral Earthing switchboards-Siemens 8DJH-RK	6 bays	NA	NA	7.5kg	NA	NA

Equipment code	Type of equipment	Use	Charge		Type of substance
			Kg	CO ₂ (eq)	
EQ 1					
EQ 2					
EQ 3					
EQ 4					
Continue as required					

⁹ This table should only include information on any equipment commissioned or decommissioned during the reporting year, where relevant.

S3.15.2 Maintenance Schedule¹⁰

Data Submitted for each scheduled inspection ¹¹	Equipment Code							
	EQ 1	EQ 2	EQ 3	EQ 4	EQ 5	EQ 6	EQ 7	Continue as required
Date of inspection								
All amounts of leakages detected (in Kg/ CO ₂ equiv ¹²)								
Actions taken to eliminate such leakages								
Quantity and nature of the substances involved								
Serial number of the personnel involved								
Quantities added ¹³ and/or recovered (in Kg/ CO ₂ equiv).								

¹⁰ (a) for equipment that contains fluorinated greenhouse gases in quantities of 5 tonnes of CO₂ equivalent or more, but of less than 50 tonnes of CO₂ equivalent: at least every 12 months; or where a leakage detection system is installed, at least every 24 months; (b) for equipment that contains fluorinated greenhouse gases in quantities of 50 tonnes of CO₂ equivalent or more, but of less than 500 tonnes of CO₂ equivalent: at least every six months or, where a leakage detection system is installed, at least every 12 months; (c) for equipment that contains fluorinated greenhouse gases in quantities of 500 tonnes of CO₂ equivalent or more: at least every three months or, where a leakage detection system is installed, at least every six months

¹¹ Table to be repeated for every scheduled inspection as per 'footnote 1' above.

¹² Carbon Dioxide equivalent – use Annex 1 and Annex IV of EC517/2014 for calculation.

¹³ The quantities of added fluorinated greenhouse gases are from recycled or reclaimed stocks, please include the name and address of the recycling or reclamation facility and, where applicable, the certificate number