

#147878

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

No	EQA and Other Relevant Requirement for E-MAS	Any update from last review (Yes/No)
1	Applicable Rules and Regulations and its application to E-MAS	Yes
2	Environmental Quality Act 1974	No
3	Environmental Quality (Sewage) Regulations, 2009	No
4	Environmental Quality (Industrial Effluent) Regulations, 2009	Yes
5	Environmental Quality (Clean Air) Regulation 2014	No
6	Environmental Quality (Scheduled Wastes) Regulation 2005	Yes
7	Electricity Regulation 1994	Yes
8	Efficient Management of Electrical Energy Regulations 2008	No
9	Occupational Safety And Health (Use And Standards Of Exposure Of Chemicals Hazardous To Health) Regulations 2000	Yes
10	Occupational Safety And Health (Classification, Labelling And Safety Data Sheet Of Hazardous Chemicals) Regulations 2013	No
11	Occupational Safety and Health (Noise Exposure) Regulations 2019	New

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

Applicable Rules and Regulations and its application to E-MAS (Only relevant to Environmental Management System)		
No	Act/ Section/ Regulation	Application to E-MAS
1	Environmental Quality Act 1974	The Act requires E-MAS to prevent, abate, control the pollution and enhance the environment
2	Section 22: Restriction on the pollution of the atmosphere	E-MAS is prohibited from emitting or discharging any environmentally hazardous substances, pollutants or waste into the atmosphere
3	Section 23: Restriction on noise pollution	E-MAS is prohibited from emitting or caused or permit to be emitted any noise greater in volume, intensity or quality more than the approved level ( <55dBA daytime, <65dBA night time)
4	Section 24: Restriction on the pollution of the soil	E-MAS is prohibited to pollute any soil or surface of any land
5	Section 25: Restriction on pollution of the inland waters (rivers)	E-MAS is prohibited from emitting, discharging or depositing any environmentally hazardous substance , pollutants or waste into any rivers
6	EQ (Clean Air) Regulation 2014	E-MAS is prohibited from emitting or discharging any environmentally hazardous substances, pollutants or waste into the atmosphere.
7	EQ Scheduled Waste Regulation 2005	E-MAS is permitted to store schedule waste with terms and conditions temporarily.  Requirements for a competent person, management of scheduled waste, conduct studies and submission of reports to DOE

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

8	EQ (Sewage) Regulation 2009	E-MAS is prohibited from emitting, discharging or depositing any environmentally hazardous substance, pollutants or waste into any rivers or pollute any soil or surface of any land.
9	EQ (Industrial Effluent) Regulation 2009	
10	Electricity Regulation 1994	Requirements for a competent person for the operation of control equipment, management of sewage plant, conduct studies and submission of reports to DOE
11	Efficient Management of Electrical Energy Regulations 2008	The licensing and control of electrical installation, plant, and equipment with respect to matters relating to the safety of persons
12	Occupational Safety And Health (Use And Standards Of Exposure Of Chemicals Hazardous To Health) Regulations 2000	The control of the efficient use of electricity for installation with a total energy consumption equal or exceeding 3,000,000kWh or more over any period not exceeding 6 consecutive months
13	Occupational Safety And Health (Classification, Labelling And Safety Data Sheet Of Hazardous Chemicals) Regulations 2013	
14	Occupational Safety and Health (Noise Exposure) Regulations 2019	

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

Applicable Legal & Other Requirements	Environmental Quality Act 1974
Key Characteristic :Land, Soil, Water and Air/ Atmosphere	Next review : December 2021

No	Details	Monitoring Frequency (if any)	Compliance (Yes /No /On-going)	Effectiveness of the action taken (Yes /No)	Remarks
1	Section 22: Restriction on the pollution of the atmosphere	Yearly	Yes	Yes	Refer to the yearly monitoring report for: ➤ Gen-set • Air Emission Monitoring Report G00.OMI.M11426.RA.100* • Dark Smoke Observation Report G00.OMI.M11426.RA.100* ➤ Chimney • Isokinetic and Air Emission Monitoring & Dark Smoke Observation : G00.OMD.M11426.RA.100*
2	Section 23: Restriction on noise pollution	As and when required	Yes	Yes	Boundary Noise Monitoring conducted in 2017, ref no : G00.OMQ.M11426.RA.1021.A
3	Section 24: Restriction on the pollution of the soil	N/A	Yes	Yes	All sewage sludge were disposed at an approved location.  Refer to Contract For Preventive Maintenance For The Sewage Treatment Plants, ref no: G00.OMA.M14500.GB.1098.A. Valid till 31 Dec 2022

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

4	Section 25: Restriction on pollution of the inland waters (rivers)	Yearly	Yes	Yes	Enhancement Of Diesel Storage Tank Area And Its Facilities: G00.OMM.M13500.WW.1001.*
5	Prohibition on open burning	As and when necessary	Yes	Yes	Minimal open fire for Fire Fighting Training. All necessary control was taken to minimize the impact on the environment. Refer to Rule Book Section A, ref no: G00.OMZ.M10100.BT. 0001.*

EPMC Chairman Concurred

  
 .....  
**HARYATI KHALIL**  
 19 OCT 2020

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

Applicable Legal & Other Requirements			Environmental Quality (Sewage) Regulations, 2009		
Key Characteristic : Waste Management/ Water pollution			Next review : December 2021		
No	Details	Monitoring Method / Frequency (if any)	Compliance (Yes /No / On-going)	Effectiveness of the action taken (Yes /No)	Remarks
1	Reg.5; Provision and proper operations of the sewage treatment system	N/A	Yes	Yes	Refer to plant drawings ➤ Depot: D00-EMY-29160-NZ-0001A  Note: ➤ STS STP decommission: 28 Aug 2019 ➤ STS and Park & Ride Sewage connect directly to IWK starting 15 June 2019 ○ Letter to DOE, reference no: ERL.OMD.M29160.1001.A
2	Reg.6; Competent Person	Yearly	Yes	Yes	Competent Person: Suhaimy Abd Kudus Certificate no: CePSTPO/00111 Certified since: 25 June 2019
3	Reg.10; Monitoring of sewage discharge	N/A	Yes	Yes	Refer to Sewage Treatment Plants For E-MAS & Certificate Of Analysis, ref no: G00.OMD.M29160.RA.*



## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

4	Reg.11; Point of discharge of sewage	Weekly	Yes	Yes	Refer to the depot Layout plan - G00.OMQ.M11800.CF.1002.B
5	Reg.12; Provision against sewage discharge through by-pass	Weekly	Yes	Yes	Refer to plant drawings: Depot: D00-EMY-29160-NZ-0001A
6	Reg15; Restriction on the disposal of sludge onto land	Weekly	Yes	Yes	Refer to contract reference no: #126693 Contract valid up to the year 2021
7	Reg.16; Application for disposal of sludge onto land	N/A	Yes	Yes	Refer to contract reference no: #126693 Contract valid up to the year 2021
8	Reg18; Display of license	N/A	Yes	Yes	DOE has been notified regarding both plants. Letter from DOE, ref no: DOE.OMQ.M10200.1001. A.
9	Reg.20; Maintenance of Records	N/A	Yes	Yes	Checklist kept in the department file.
10	Reg.21; Personnel training	N/A	Yes	Yes	

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

<b>Applicable Legal &amp; Other Requirements</b>	<b>Environmental Quality (Industrial Effluent) Regulations, 2009</b>
<b>Key Characteristic : Industrial Effluent Management / Water pollution</b>	<b>Next review : December 2021</b>

No	Details	Monitoring Frequency (if any)	Compliance (Yes /No / On-going)	Effectiveness of the action taken (Yes /No)	Remarks
1	Reg 4;Obligation to notify the Director-General	N/A	Yes	Yes	Submitted to DOE dated 29 January 2002. Sijil Kelulusan Kebenaran Bertulis Di Bawah Peraturan 4 Peraturan-Peraturan Kualiti Alam Sekeliling (Kumbahan Dan Effluen-Effluen Perindustrian), 1979, ref no: DOE.OMR.M50600. 1001. A  Plan: ➤ D13-DWE-82126-XG-1001-A ➤ D13-DOE-82126-UB-1001-A
2	Reg 5; Design and Construction of Industrial Effluent Treatment system	N/A	Yes	Yes	
3	Reg 7;Monitoring of discharge of industrial effluent or mixed effluent	Weekly	Yes	Yes	Weekly Report and Online Monthly report to DOE
4	Reg 9; Performance monitoring of effluent treatment system	Monthly	Yes	Yes	Monthly per performance checklist: reference no: D10.OMD.M80000.RN.1001.*



## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

5	Reg 10; Competent Person.	N/A	Yes	Yes	Competent Person: Sathia Seelan Certificate no: CePIETSO-PCP/00044 Certified since: August 2012. CPD Hours record ref no: D00.STH.M10580.SM. 100*.*
6	Reg. 11; Acceptable conditions for the discharge of industrial effluent other than the parameter of chemical oxygen demand (COD)	Weekly	Yes	Yes	All 13 parameters complied with the EQA regulations. Letter to DOE, ref no: OMR.TRD.M82111.1001.A
7	Reg 12; Acceptable conditions for the discharge of industrial effluent for the parameter of chemical oxygen demand (COD)	Weekly	Yes	Yes	
8	Reg. 13; Acceptable conditions for the discharge of mixed effluent for the parameter of chemical oxygen demand (COD)	Weekly	Yes	Yes	
9	Reg. 14; Best management practice for the discharge of industrial effluent or mixed effluent for other parameters	N/A	Yes	Yes	Updated Drawings: (Oct 2013) a. D13-DWE-82126-XG-1001-A b. D13-DOE-82126-UB-1001-A
10	Reg. 16; Method of analysis and sampling of industrial effluent or mixed effluent	Weekly	Yes	Yes	Refer to the weekly test report.

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

11	Reg. 17; Point of discharge of industrial effluent or mixed effluent	N/A	Yes	Yes	Depot Plant Layout, Drawing No: G00.OMQ.M11800.CF.1002.B
12	Reg.20; Spill, accidental discharge or leakage of industrial effluent or mixed effluent.	N/A	Yes	Yes	The proper wastes water treatment plant has been built. Drawing no: a. D13-DWE-82126-XG-1001-A b. D13-DOE-82126-UB-1001-A
13	Reg.23; Restriction on discharge or disposal of sludge	Not exceed 180 days or 20MT	Yes	Yes	Workflow for SW and Scrap Management: G00.OML.M14100.CC.1001.* [Ref#: 142302]
14	Reg.25; Display of licence	N/A	Yes	Yes	Sijil Kelulusan Kebenaran Bertulis Di Bawah Peraturan 4 Peraturan-Peraturan Kualiti Alam Sekeliling (Kumbahan Dan Effluen-Effluen Perindustrian), 1979, ref no: DOE.OMR.M50600. 1001. A
15	Reg.27; Maintenance of record	Daily	Yes	Yes	Work order - generated as and when a failure occurs.
16	Reg.28; Personnel training	Training records	Yes	Yes	

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

<b>Applicable Legal &amp; Other Requirements</b>	<b>Environmental Quality (Clean Air) Regulation 2014</b>
<b>Key Characteristic : Emission to Air</b>	<b>Next review : December 2021</b>

<b>Erection etc. of the chimney</b>					
<b>No</b>	<b>Details</b>	<b>Monitoring Frequency (if any)</b>	<b>Compliance (Yes /No / On-going)</b>	<b>Effectiveness of the action taken (Yes /No)</b>	<b>Remarks</b>
8	Reg 38. Written approval must be obtained	One-off	Yes	Yes	Written approval received ref no : DOE.OMQ.M11426.1008.A
9	Accompanying documents Reg 39: Site plan, details of impurities discharged and construction drawings	One-off	Yes	Yes	Drawing ref no : 1- Plant View and Spray Booth: Front and elevation view: G00.OMQ.M82211.VL.1003.A 2- Plant View and Spray Booth : Exhaust Detail : G00.OMQ.M82211.VL.1002.A 3- Plant View and Spray Booth : Top View : G00.OMQ.M82211.VL.1001.A
10	Control Equipment to be in operation Reg 40. Operated with control equipment	One-off	Yes	Yes	
11	Safety Access Reg 41. To provide safe and adequate access for sampling purpose	One-off	Yes	Yes	

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

12	Test Record Reg 42. Test result must be kept permanently	Yearly	Yes	Yes	Isokinetic and Air Emission Monitoring & Dark Smoke Observation : G00.OMD.M11426.RA.1002.A
13	Sampling point Reg 43. Situated at a fixed point of emission of the impurities.	One-off	Yes	Yes	Drawing ref no : 1- Plant View and Spray Booth: Front and elevation view: G00.OMQ.M82211.VL.1003.A 2- Plant View and Spray Booth : Exhaust Detail : G00.OMQ.M82211.VL.1002.A 3- Plant View and Spray Booth : Top View : G00.OMQ.M82211.VL.1001.A

Checked by:



SATHIA SEELAN

13 OCT 2020

CePIETSO-PCP/0044

Concurred by:



MOHD HISHAM  
200468

13 OCT 2020

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

Applicable Legal & Other Requirements	Environmental Quality (Clean Air) Regulation 2014
Key Characteristic :Emission to Air and Noise Emission	Next review : <b>December 2021</b>

No	Details	Monitoring Frequency (if any)	Compliance (Yes /No / On-going)	Effectiveness of the action taken (Yes /No)	Remarks
<b>Erection of fuel-burning equipment (Generator Set)</b>					
1	Reg 36. Written approval must be obtained	One-off	Yes	Yes	<ul style="list-style-type: none"> <li>• BTS - #116075</li> <li>• Depot - #116073</li> <li>• X-Over - #116072</li> <li>• PJS - # 116074</li> <li>• STS - #116071</li> <li>• Park &amp; Ride – #141687</li> </ul>
2	Application to erect etc. fuel-burning equipment Reg 37. Installation as prescribed	One-off	Yes	Yes	
a	Black smoke does not exceed Standard C: < 0.4g/Nm3	Yearly monitoring	Yes	Yes	<ul style="list-style-type: none"> <li>• Air Emission Monitoring Report - August 2019 G00.OMI.M11426.RA.1002.A</li> <li>• Dark Smoke Observation Report - August 2019 G00.OMI.M11426.RA.1001.A</li> </ul>

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

c	Primary and secondary silencer must be fixed inside the Genset room	One-off	Yes	Yes	<ol style="list-style-type: none"> <li>1. Drawing - Emergency Genset For Putrajaya Station [S30.OMW.M12925.VL.1001.A]</li> <li>2. Drawing - Emergency Genset For Bandar Tasik Selatan Station [S20.OMW.M12925.VL.1001.A]</li> <li>3. Drawing - Emergency Genset For CrossOver Station [X00.OMW.M12925.VL.1001.A]</li> <li>4. Drawing - Emergency Genset for Depot / Administration Station [D00.OMW.M12925.VL.1001.A]</li> <li>5. Drawing - Emergency Genset for Salak Tinggi Station [S40.EMS.73200.YG.0006]</li> <li>6. Drawing - Emergency Genset for Park &amp; Ride [G00.OMQ.M12925.VL.1001.A]</li> </ol>
d	Usage of PCB based transformer is not allowed	One-off	Yes	Yes	<p>Transformer type; Dry resin cast, maintenance-free.</p> <p>Operation &amp; Maintenance Manual E&amp;M Building Services - Electrification Systems [G00.OMW.M73000.PG.1001.A]</p>
e	Retention wall (capacity > 110% of the tank) to be built around the diesel tank to control spillage.	One-off	Yes	Yes	<p>Site measurements were done as follows: Retention wall capacity = 120%</p>

Checked by: 

Concurred by:   
13/10/20



## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

Applicable Legal & Other Requirements	Environmental Quality (Scheduled Wastes) Regulation 2005
Key Characteristic : Scheduled Wastes Management (Environment pollution)	Next review : December 2021

No	Details	Monitoring Frequency (If any)	Compliance (Yes /No / On-going)	Effectiveness of the action taken (Yes /No)	Remarks
1	Reg 3: Notification of generation of scheduled wastes ( 2 <sup>nd</sup> Schedule)	Online	Yes	Yes	Reporting via online: Electronic SW Information System [eSWIS]
2	Reg 4: Disposal of schedule wastes at prescribed premises	Online	Yes	Yes	
3	Reg 8: Responsibility of wastes generator	Workflow	Yes	Yes	Workflow for SW and Scrap Management G00.OML.M14100.CC.1001.* [Ref#: 142302]
4	Reg 9: Storage of scheduled wastes	Workflow and monthly monitoring	Yes	Yes	i. Workflow for SW and Scrap Management: G00.OML.M14100.CC.1001.* [Ref#: 142302]  ii. Monthly physical inspection and monitoring through: ▪ SW & Storage Monthly Inspection Check List G00.OML.M14100.WP.1015.* [Ref#: 144971] ▪ MMT Monthly Report G00.OML.M13500.RC.1001.* [Ref#: 142070]

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

5	Reg 10: Labelling of scheduled wastes	Refer to 1st and 3rd schedule	Yes	Yes	Workflow for SW and Scrap Management G00.OML.M14100.CC.1001.* [Ref#: 142302]
6	Reg 11: Records of scheduled wastes Inventory	Refer to 5th Schedule	Yes	Yes	Reporting via online : Electronic SW Information System [eSWIS]
7	Reg 12: Information to be provided by wastes generator, contractor and occupier of prescribed premises	Refer to 6th schedule	Yes	Yes	
8	Reg 13: Scheduled wastes transported outside wastes generator premises to be accompanied by information – 7 <sup>th</sup> Schedule	7 <sup>th</sup> Scheduled of Wastes are available	Yes	Yes	List of 7 <sup>th</sup> Schedule: i. SW102 G00.OML.M13500.WP.1002.* [Ref#: 142524] ii. SW103 G00.OML.M13500.WP.1001.* [Ref#: 142523] iii. SW109 G00.OML.M13500.WP.1003.* [Ref#: 142525] iv. SW110 G00.OML.M13500.WP.1015.* [Ref#: 142537] v. SW204 G00.OML.M13500.WP.1004.* [Ref#: 142526] vi. SW305 G00.OML.M13500.WP.1013.* [Ref#: 142535] vii. SW306

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

					<p>G00.OML.M13500.WP.1014.* [Ref#: 142536]</p> <p>viii. SW307</p> <p>G00.OML.M13500.WP.1005.* [Ref#: 142527]</p> <p>ix. SW312</p> <p>G00.OML.M13500.WP.1006.* [Ref#: 142528]</p> <p>x. SW316</p> <p>G00.OML.M13500.WP.1007.* [Ref#: 142529]</p> <p>xi. SW408</p> <p>G00.OML.M13500.WP.1008.* [Ref#: 142530]</p> <p>xii. SW409</p> <p>G00.OML.M13500.WP.1009.* [Ref#: 142531]</p> <p>xiii. SW410</p> <p>G00.OML.M13500.WP.1010.* [Ref#: 142532]</p> <p>xiv. SW417</p> <p>G00.OML.M13500.WP.1011.* [Ref#: 142533]</p> <p>xv. SW429</p> <p>G00.OML.M13500.WP.1012.* [Ref#: 142534]</p>
9	Reg 14: Spill or accidental discharge	N/A	Yes	Yes	<p>Spillage Control Process Flow:</p> <p>G00.OMQ.M11426.AH.1063.A [Ref#: 147470]</p> <p>➤ All wastes generated from the spillage cleaning process (including single-use PPE's) are categorized as SW408. The SW will be managed as per described in the Workflow for SW and Scrap M</p> <p>G00.OML.M14100.CC.1001.* [Ref#: 142302].</p>

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

10	Reg 15: Conduct of training for personnel handling scheduled wastes area	Training plan for MMA-MMT and INF personnel	Yes	Yes	<p>Training Module:</p> <ul style="list-style-type: none"> <li>i. For staff (MMT/INF): G00.OML.M10580.SH.1001.* [Ref#: 142306]</li> <li>ii. For cleaners/contractors G00.OML.M10580.SH.1003.* [Ref#: 144983]</li> </ul> <p>➤ Basic training for Scheduled Wastes handling and management, will be given to staff (MMT/INF) including cleaners/contractors as and when required.</p>
11	Sec 49A: Competent person	One-off	Yes	Yes	<p>Competent Person: Raefendy Ismail</p> <p>Certificate no: CePSWAM/00535</p> <p>Certified since: October 2014</p> <p>CPD Hours record: G00.OML.M13500.RD.1001.* (#145241)</p>

Checked by:

  
 DAVID AZAY - 484  
 12 OCT 2020

Concurred by:

  
 RAEPENDY ISMAIL  
 12 OCT 2020  
 CePSWaM – 00535

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

Applicable Legal & Other Requirements	Electricity Regulation 1994
Key Characteristic : Depletion of natural resources	Next review : December 2021

No	Details	Monitoring Frequency (if any)	Compliance (Yes /No/ On-going)	Effectiveness of the action taken (Yes /No)	Remarks
1	Reg 3: Application for registration of Installation	Yearly	Yes	Yes	Letter to ERL Ref No: OME.ERL.M11790.1006.A (#142702) with Borang B registration attached. Renew before 27 March 2024
2	Reg 38: Notice	N/A	Yes	Yes	Danger-Admittance signage
3	Reg 39: Instruction for the treatment of electric shock	N/A	Yes	Yes	CPR Chart
4	Reg 40: Fire extinguisher	Yearly	Yes	Yes	Expiry date 23.03.2021
5	Reg 45: Requirement for Certificate of Competency	Yearly	Yes	Yes	EMAS Chargeman Registration List Ref no: G00.OME.M19250.BN.1007.A Expired between 09.04.2020-15.06.2021
6	Reg 60: Competent Person	Yearly	Yes	Yes	
7	Reg 62: the Competent person on each shift	Yearly	Yes	Yes	

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

8	Reg 63: Registration of Competent person	Yearly	Yes	Yes	
9	Reg 66: Installation to visit and inspect by a competent person	N/A	Yes	Yes	Contract for Electrical Supervision Ref no: G00.OMA.M14500.GB.1140.A Expiry date: 30 Sept 2023
10	Reg 67: Competent person and frequency of visit and inspection	Monthly	Yes	Yes	
11	Reg 68: Duty of Engineer or Supervisor to inspect and report	Monthly	Yes	Yes	
12	Reg 110: Inspection and test for the purpose of maintenance of installation, etc.: Electrical Service Contractor	Bi-yearly	Yes	Yes	Calibration Record, ref no: G00.OME.M11411.RE.0001.*
13	Reg 111: Competent person to undertake maintenance work	N/A	Yes	Yes	Contract for Electrical Supervision Ref no: G00.OMA.M14500.GB.1140.A Expiry date: 30 Sept 2023
14	Reg 112: Adequate safety precautions to be taken during work	N/A	Yes	Yes	



## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

<b>Applicable Legal &amp; Other Requirements</b>	<b>1. Electricity Supply Act 1990 (Act 447) and Regulation</b> <b>2. Efficient Management of Electrical Energy Regulations 2008</b>
<b>Key Characteristic : Depletion of natural resources</b>	<b>Next review : December 2021</b>

No	Details	Monitoring Frequency (if any)	Compliance (Yes /No/ On-going)	Effectiveness of the action taken (Yes /No)	Remarks
1	Reg 7: Obligation of private installation licensee or consumer	One-off	Yes	Yes	ST was informed on the change of Energy Manager via letter Ref No: OME.TRD.M40000.1001.A.  Internal Energy Manager appointed.  6 monthly reporting to ST done as per the ST requirements.
2	Reg 11: Registered electrical energy manager of installation	One-off	Yes	Yes	
3	Ref 12: Qualification requirements	One-off	Yes	Yes	
4	Reg 16: Functions and duties of a registered electrical energy manager	One-off	Yes	Yes	
5	Reg 17: Validity period of registration and renewal	Yearly	Yes	Yes	

Checked by:

*74-Xe*  
 .....  
 13/10/20

Concurred by:

NOEL DEVAN  
 .....13 OCT 2020

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

<b>Applicable Legal &amp; Other Requirements</b>	<b>1. Occupational Safety and Health Act 1994</b> <b>2. Occupational Safety and Health (Use and Standards Of Exposure of Chemicals Hazardous to Health) Regulations 2000</b>
<b>Key Characteristic :Usage of chemicals at the workplace</b>	<b>Next review : December 2021</b>

No	Details	Monitoring Frequency (if any)	Compliance (Yes /No/ On-going)	Effectiveness of the action taken (Yes /No)	Remarks
1	Reg 5: Register of chemicals hazardous to health	Continuously	Yes	Yes	Available at E-MAS portal. Updated as and when necessary.
2	Reg 9: Assessment of risk to health	5 yearly	Yes	Yes	Chemical Health Risk Assessment (CHRA) Report. Ref no: G00.OMZ.M15400.RV.1032.A.  Date of assessment: 19-20 February 2020
3	Reg 14: Action to control exposure	Yearly	Yes	Yes	Local Exhaust Ventilation System Effectiveness Testing Report Ref. no: G00.OMZ.M11450.RV.1024.A.  Date of assessment: 27 <sup>th</sup> February 2020
4	Reg 16: Use of approved personal protective equipment	Quarterly	Yes	Yes	n.a

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

5	Reg 20: Labelling and relabelling	Quarterly	Yes	Yes	Completed for existing chemicals, on-going for new chemicals.
6	Reg 22: Information, instruction, and training	Yearly	Yes	Yes	Conducted in-house by a third-party training provider. Conducted as and when necessary
7	Reg 24: Chemical Safety Data Sheet	Continuously	Yes	Yes	Completed for existing chemicals, on-going for new chemicals
8	Reg 25: Provision of the chemical safety data sheet in a place of work	Yearly	Yes	Yes	n.a
9	Reg 26: Monitoring of exposure at the place of work	One-off	Yes	Yes	Chemical Exposure Monitoring (CEM) Report, ref. no: G00.OMZ.M11450.RV.1021.A. Date of assessment: 18 <sup>th</sup> October 2016
10	Reg 27: Health surveillance programme	Yearly	Yes	Yes	Based on the recommendation by consultant in CHRA Report 2020, to continue the existing medical surveillance programme if exposure monitoring results exceed half of Permissible Exposure Limit (PEL).  The latest Chemical Exposure Monitoring conducted in 2016 and results are below half of PEL.  Next Chemical Exposure Monitoring will be conducted on October or November 2020.

### Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

11	Reg 29: Warning sign	Monthly	Yes	Yes	n.a
12	Reg 30: Retention of records by the employer	N/A	Yes	Yes	n.a.

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

<b>Applicable Legal &amp; Other Requirements</b>	<b>1. Occupational Safety and Health Act 1994</b> <b>2. Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013</b>
<b>Key Characteristic :Usage of chemicals at the workplace</b>	<b>Next review : December 2021</b>

<b>No</b>	<b>Details</b>	<b>Monitoring Frequency (If any)</b>	<b>Compliance (Yes /No/ On-going)</b>	<b>Effectiveness of the action taken (Yes /No)</b>	<b>Remarks</b>
1	Reg 8: Duty to label packaging of hazardous chemical	N/A	Yes	Yes	Completed for existing chemicals, on-going for new chemicals
2	Reg 13: Duty to furnish safety data sheet	Continuously	Yes	Yes	Completed for existing chemicals, on-going for new chemicals

## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

<b>Applicable Legal &amp; Other Requirements</b>	<b>1. Occupational Safety and Health Act 1994</b> <b>2. Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013</b>
<b>Key Characteristic :Usage of chemicals at the workplace</b>	<b>Next review : December 2021</b>


No	Details	Monitoring Frequency (If any)	Compliance (Yes /No/ On-going)	Effectiveness of the action taken (Yes /No)	Remarks
1	Reg 3: Identification of excessive noise	Yearly	Yes	Yes	n.a
2	Reg 13: Noise Risk Assessment	5 Yearly	Yes	Yes	Noise Risk Assessment Report, ref. no: G00.OMZ.M18250.RB.1001.A. Date of assessment: 27 <sup>th</sup> February 2020
3	Reg 5: Information, instruction, training and supervision	Yearly	Yes	Yes	n.a
4	Reg 7: Personal hearing protector	Continuously	Yes	Yes	Memo Audiometric Test 2020 – Individual Report, ref. no: OMZ.RS0.M15400.1100.A.
5	Reg 8: Hearing protection zone	Continuously	Yes	Yes	Hearing Protection Zone signage has been placed at PNE-ERC (Conformal Coating Machine Room) because of high noise area (as per stated in Noise Risk Assessment Report).



## Compliance Obligations, Performance Evaluation, Monitoring, Measurement and Evaluation of Compliance

6	Reg 9: Audiometric testing	Annually (as and when required)	Yes	Yes	<p>Audiometric Testing Technical Report 2020 Ref. no: G00.OMZ.M18250.RV.1183.A.</p> <p>Date of testing: 11<sup>th</sup> and 13<sup>th</sup> February 2020</p> <p>Audiometric test shall be carried out if the employees exposed to noise level above Noise Exposure Limit (NEL). Based on Noise Risk Assessment Report 2020, the employees are not exposed to noise exceeding NEL, thus, audiometric test is not compulsory until next Noise Risk Assessment. [Regulation 9 (1)]</p>
7	Reg 10: Duty of employer when audiometric test is carried out	Annually (as and when required)	Yes	Yes	n.a
8	Reg 11: Record to be kept	N/A	Yes	Yes	n.a

Checked by:

  
 .....  
 19/10/2020

Concurred by:

  
 .....  
 Sukhbir Singh  
 19 OCT 2020