

ภาคผนวก ค-6

นิเวศวิทยาในน้ำ



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Gulf NC Co., Ltd.

Address : 418 Moo 1 Nontree , Kabin Buri , Prachinburi , Thailand , 25110

Project Name : Monitoring EIA

Project Location : GNC

รายงานผลการวิเคราะห์แพลงก์ตอนพืช

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 14 มิถุนายน 2567)

| ชนิดแพลงก์ตอนพืช | ปริมาณแพลงก์ตอนพืช (หน่วยต่อลิตร) | | | | |
|----------------------------------|-----------------------------------|-----------|-----------|-----------|-----------|
| | 2457433-1 | 2457433-2 | 2457433-3 | 2457433-4 | 2457433-5 |
| Division Cyanophyta | | | | | |
| Class Cyanophyceae | | | | | |
| Order Chroococcales | | | | | |
| Family Chroococcaceae | | | | | |
| 1. <i>Chroococcus</i> sp. | - | - | 13 | - | - |
| Order Nostocales | | | | | |
| Family Oscillatoriaceae | | | | | |
| 2. <i>Oscillatoria princeps</i> | 83 | 37 | - | - | - |
| 3. <i>Oscillatoria</i> sp. | 24 | 37 | - | - | 35 |
| 4. <i>Oscillatoria splendida</i> | 12 | - | - | - | - |
| 5. <i>Spirulina platensis</i> | 24 | - | - | 12 | - |
| Family Nostocaceae | | | | | |
| 6. <i>Raphidiopsis</i> sp. | - | - | 2,691 | 787 | 1,286 |

ตาราง ผลการวิเคราะห์แฟล่งก์ตอนพืช (เก็บตัวอย่างวันที่ 14 มิถุนายน 2567)

(ต่อ)

| ชนิดแฟล่งก์ตอนพืช | ปริมาณแฟล่งก์ตอนพืช (หน่วยต่อลิตร) | | | | |
|---------------------------------------|------------------------------------|-----------|-----------|-----------|-----------|
| | 2457433-1 | 2457433-2 | 2457433-3 | 2457433-4 | 2457433-5 |
| Division Chlorophyta | | | | | |
| Class Chlorophyceae | | | | | |
| Order Volvocales | | | | | |
| Family Volvocaceae | | | | | |
| 7. <i>Eudorina elegans</i> | - | - | - | - | 12 |
| 8. <i>Gonium sociale</i> | - | 25 | 26 | 12 | 12 |
| Order Tetrasporales | | | | | |
| Family Palmellaceae | | | | | |
| 9. <i>Sphaerocystis shroeteri</i> | - | - | 39 | 12 | 35 |
| Order Chlorococcales | | | | | |
| Family Chlorrococcaceae | | | | | |
| 10. <i>Golenkinia radiata</i> | - | - | - | - | 12 |
| Family Hydrodictyaceae | | | | | |
| 11. <i>Pediastrum duplex</i> | - | - | 26 | 36 | 35 |
| 12. <i>Pediastrum simplex</i> | - | 12 | - | 12 | - |
| Family Coelastraceae | | | | | |
| 13. <i>Coelastrum microporum</i> | - | - | 39 | 36 | 24 |
| Family Oocystaceae | | | | | |
| 14. <i>Ankistrodesmus falcatus</i> | - | - | 52 | 73 | - |
| 15. <i>Ankistrodesmus spiralis</i> | - | - | - | - | 12 |
| 16. <i>Dictyosphaerium pulchellum</i> | - | 12 | 117 | 85 | 24 |
| 17. <i>Kirchneriella</i> sp. | - | - | 39 | - | - |
| 18. <i>Kirchneriella subsolitaria</i> | - | - | - | 24 | 24 |
| 19. <i>Oocystis elliptica</i> | - | - | - | 12 | 24 |
| 20. <i>Oocystis</i> sp. | - | 86 | 13 | - | - |
| 21. <i>Tetraedron gracile</i> | - | - | 13 | 12 | 24 |

ตาราง ผลการวิเคราะห์แฟลงก์ตอนพืช (เก็บตัวอย่างวันที่ 14 มิถุนายน 2567)

(ต่อ)

| ชนิดแฟลงก์ตอนพืช | ปริมาณแฟลงก์ตอนพืช (หน่วยต่อลิตร) | | | | |
|------------------------------------|-----------------------------------|-----------|-----------|-----------|-----------|
| | 2457433-1 | 2457433-2 | 2457433-3 | 2457433-4 | 2457433-5 |
| 22. <i>Tetraedron trigonum</i> | - | - | 13 | - | - |
| Family Scenedesmaceae | | | | | |
| 23. <i>Crucigenia apiculata</i> | - | - | 78 | 85 | 47 |
| 24. <i>Micractinium pusillum</i> | - | - | 26 | - | - |
| 25. <i>Scenedesmus acuminatus</i> | - | - | 13 | 48 | - |
| 26. <i>Scenedesmus arcautus</i> | - | - | - | 12 | - |
| 27. <i>Scenedesmus armatus</i> | - | 86 | 39 | 24 | 35 |
| 28. <i>Scenedesmus dimorphus</i> | - | 12 | 13 | 48 | - |
| 29. <i>Scenedesmus opoliensis</i> | - | - | 39 | - | 12 |
| 30. <i>Scenedesmus</i> sp. | - | - | 52 | 36 | - |
| Order Zygematales | | | | | |
| Family Desmidiaceae | | | | | |
| 31. <i>Arthodesmus convergens</i> | - | - | - | 24 | - |
| 32. <i>Closterium gracile</i> | - | - | 78 | 36 | 12 |
| 33. <i>Closterium lineatum</i> | - | - | 26 | - | - |
| 34. <i>Closterium ralfsii</i> | - | - | 52 | 36 | 47 |
| 35. <i>Euastrum sinuosum</i> | - | - | 13 | 12 | - |
| 36. <i>Staurastrum gracile</i> | - | - | 52 | - | - |
| 37. <i>Staurastrum limneticum</i> | - | - | 26 | - | 12 |
| 38. <i>Staurastrum punctolatum</i> | - | - | - | - | 35 |
| 39. <i>Staurastrum qutwinskii</i> | - | - | 78 | 36 | 47 |
| 40. <i>Staurastrum</i> sp. | - | - | 39 | 36 | 47 |
| Class Euglenophyceae | | | | | |
| Order Euglenales | | | | | |
| Family Euglenaceae | | | | | |
| 41. <i>Euglena acus</i> | - | 12 | - | - | - |
| 42. <i>Euglena oxyuris</i> | 12 | - | - | - | - |

ตาราง ผลการวิเคราะห์แฟลงก์ตอนพืช (เก็บตัวอย่างวันที่ 14 มิถุนายน 2567)

(ต่อ)

| ชนิดแฟลงก์ตอนพืช | ปริมาณแฟลงก์ตอนพืช (หน่วยต่อลิตร) | | | | |
|-------------------------------------|-----------------------------------|-----------|-----------|-----------|-----------|
| | 2457433-1 | 2457433-2 | 2457433-3 | 2457433-4 | 2457433-5 |
| 43. <i>Euglena</i> sp. | 12 | 12 | - | - | - |
| 44. <i>Euglena viridis</i> | - | - | - | - | 35 |
| 45. <i>Lepocinclis ovum</i> | 24 | 111 | 26 | - | - |
| 46. <i>Phacus angulatus</i> | - | 12 | - | - | - |
| 47. <i>Phacus ranula</i> | - | - | - | 12 | - |
| 48. <i>Phacus</i> sp. | 12 | 37 | 13 | - | - |
| 49. <i>Phacus tortus</i> | - | 12 | - | - | - |
| 50. <i>Strombomonas acuminata</i> | - | - | - | 36 | - |
| 51. <i>Strombomonas australica</i> | - | - | - | 24 | - |
| 52. <i>Strombomonas fluviatilis</i> | - | - | - | - | 12 |
| 53. <i>Strombomonas girardiana</i> | - | - | 13 | 24 | - |
| 54. <i>Strombomonas</i> sp. | - | - | - | - | 12 |
| 55. <i>Trachelomonas crebea</i> | - | - | - | 36 | - |
| 56. <i>Trachelomonas hispida</i> | 131 | 37 | 26 | 61 | 71 |
| 57. <i>Trachelomonas similis</i> | - | - | 13 | - | 12 |
| 58. <i>Trachelomonas</i> sp. | - | - | - | - | 24 |
| Division Chromophyta | | | | | |
| Class Bacillariophyceae | | | | | |
| Order Biddulphiales | | | | | |
| Suborder Coscinodiscineae | | | | | |
| Family Thalassiosiraceae | | | | | |
| 59. <i>Cyclotella meneghiniana</i> | - | - | - | - | 24 |
| 60. <i>Cyclotella stelligera</i> | 24 | - | - | - | - |
| Family Aulacoseiraceae | | | | | |
| 61. <i>Aulacoseira granulata</i> | 12 | - | 221 | 206 | 153 |

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 14 มิถุนายน 2567)

(ต่อ)

| ชนิดแพลงก์ตอนพืช | ปริมาณแพลงก์ตอนพืช (หน่วยต่อลิตร) | | | | |
|----------------------------------|-----------------------------------|-----------|-----------|-----------|-----------|
| | 2457433-1 | 2457433-2 | 2457433-3 | 2457433-4 | 2457433-5 |
| Order Bacillariales | | | | | |
| Suborder Fragilariineae | | | | | |
| Family Fragilariaceae | | | | | |
| 62. <i>Fragilaria capucina</i> | 24 | - | - | 48 | - |
| 63. <i>Synedra rumpens</i> | 12 | - | 26 | 24 | 47 |
| 64. <i>Synedra ulna</i> | - | 12 | 13 | - | 12 |
| Suborder Bacillariineae | | | | | |
| Family Eunotiaceae | | | | | |
| 65. <i>Eunotia pectinalis</i> | - | 12 | - | - | 24 |
| Family Cymbellaceae | | | | | |
| 66. <i>Gomphonema parvulum</i> | - | 12 | - | - | - |
| Family Naviculaceae | | | | | |
| 67. <i>Amphora</i> sp. | - | 12 | - | - | - |
| 68. <i>Gyrosigma attenuatum</i> | - | - | - | - | 12 |
| 69. <i>Navicula cuspidata</i> | - | - | - | 12 | - |
| 70. <i>Navicula lanceolata</i> | - | 12 | - | - | - |
| 71. <i>Pinnularia braunii</i> | 12 | - | - | - | - |
| 72. <i>Pinnularia gibba</i> | 48 | - | 13 | 12 | 12 |
| 73. <i>Pinnularia subanglica</i> | - | - | 13 | 24 | - |
| Family Bacillariaceae | | | | | |
| 74. <i>Nitzschia acicularis</i> | 12 | - | - | - | - |
| 75. <i>Nitzschia lorenziana</i> | - | - | 13 | - | - |
| 76. <i>Nitzschia palea</i> | - | 12 | - | - | - |
| 77. <i>Nitzschia sigmoidea</i> | - | - | - | - | 12 |
| 78. <i>Nitzschia</i> sp. | - | - | - | 12 | - |
| Family Surirellaceae | | | | | |
| 79. <i>Auliscus coelatus</i> | - | - | 13 | - | - |

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 14 มิถุนายน 2567)
(ต่อ)

| ชนิดแพลงก์ตอนพืช | ปริมาณแพลงก์ตอนพืช (หน่วยต่อลิตร) | | | | |
|--------------------------------------|-----------------------------------|---------------|---------------|---------------|---------------|
| | 2457433-1 | 2457433-2 | 2457433-3 | 2457433-4 | 2457433-5 |
| 80. <i>Surirella elegans</i> | - | - | - | 24 | - |
| 81. <i>Surirella linearis</i> | - | - | - | - | 24 |
| 82. <i>Surirella ovata</i> | 12 | - | 13 | - | - |
| 83. <i>Surirella robusta</i> | - | - | 13 | - | - |
| Class Cryosphyceae | | | | | |
| Order Synurales | | | | | |
| Family Mallomonadaceae | | | | | |
| 84. <i>Mallomonas litomesa</i> | - | - | - | 24 | 35 |
| Class Dinophyceae | | | | | |
| Order Peridinales | | | | | |
| Family Peridiniaceae | | | | | |
| 85. <i>Peridinium</i> sp. | - | 25 | - | - | - |
| ชนิดแพลงก์ตอนพืช | 17 | 22 | 41 | 39 | 38 |
| ปริมาณแพลงก์ตอนพืช | 490 | 637 | 4,134 | 2,125 | 2,374 |
| ดัชนีความหลากหลายแพลงก์ตอนพืช | 2.4373 | 2.7332 | 1.8089 | 2.7545 | 2.2294 |
| ดัชนีความสม่ำเสมอแพลงก์ตอนพืช | 0.8603 | 0.8842 | 0.4871 | 0.7519 | 0.6129 |

Sample Location :

1. สถานี 2457433-1 : จุดที่ 1 : บริเวณคลองชุมพลเหนือจุดระบายน้ำทิ้งขึ้นไป 500 เมตร
2. สถานี 2457433-2 : จุดที่ 2 : บริเวณคลองชุมพล ณ จุดระบายน้ำทิ้ง (บริเวณฝ่ายทศบาลยศร)
3. สถานี 2457433-3 : จุดที่ 3 : บริเวณจุดบรรจบระหว่างคลองชุมพลกับแควหนุมาน
4. สถานี 2457433-4 : จุดที่ 4 : บริเวณแควหนุมานเหนือจุดบรรจบระหว่างคลองชุมพลกับ
แควหนุมานขึ้นไป 500 เมตร
5. สถานี 2457433-5 : จุดที่ 5 : บริเวณแควหนุมานท้ายจุดบรรจบระหว่างคลองชุมพลกับ
แควหนุมานลงไป 500 เมตร

Condition of Sample : contained in one plastic bottle, sample containers comply to pretreatment-preservation standards (APHA, USEPA)



(นางสาวกนกวรรณ ขวาค่อน)
ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Gulf NC Co., Ltd.

Address : 418 Moo 1 Nontree , Kabin Buri , Prachinburi , Thailand , 25110

Project Name : Monitoring EIA

Project Location : GNC

รายงานผลการวิเคราะห์แหล่งกักต่อน้ำ

ตาราง ผลการวิเคราะห์แหล่งกักต่อน้ำ (เก็บตัวอย่างวันที่ 14 มิถุนายน 2567)

| ชนิดแหล่งกักต่อน้ำ | ปริมาณแหล่งกักต่อน้ำ (หน่วยต่อลิตร) | | | | |
|---------------------------------|-------------------------------------|-----------|-----------|-----------|-----------|
| | 2457433-1 | 2457433-2 | 2457433-3 | 2457433-4 | 2457433-5 |
| Phylum Protozoa | | | | | |
| Subphylum Plasmodroma | | | | | |
| Class Sarcodina | | | | | |
| Subclass Rhizopoda | | | | | |
| Order Testacida | | | | | |
| Family Diffugiidae | | | | | |
| 1. <i>Centropyxis aculeata</i> | - | - | - | 12 | - |
| 2. <i>Diffugia</i> sp. | 12 | 25 | 13 | - | - |
| Family Euglyphidae | | | | | |
| 3. <i>Euglypha acanthophora</i> | 12 | - | 13 | - | 12 |
| 4. <i>Euglypha rotunda</i> | - | 12 | 13 | - | - |

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 14 มิถุนายน 2567)

(ต่อ)

| ชนิดแพลงก์ตอนสัตว์ | ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลิตร) | | | | |
|--|-------------------------------------|---------------|---------------|---------------|---------------|
| | 2457433-1 | 2457433-2 | 2457433-3 | 2457433-4 | 2457433-5 |
| Subphylum Ciliophora | | | | | |
| Class Ciliata | | | | | |
| Subclass Spirotricha | | | | | |
| Order Tintinnida | | | | | |
| Family Codonellidae | | | | | |
| 5. <i>Tintinnopsis fimbriata</i> | - | - | 26 | - | - |
| 6. <i>Tintinnopsis</i> sp. | 24 | - | 104 | 61 | 59 |
| Subclass Peritricha | | | | | |
| Order Peritrichida | | | | | |
| 7. <i>Pyxicola</i> sp. | - | - | - | 12 | - |
| 8. <i>Vorticella</i> sp. | - | 37 | 130 | 133 | 71 |
| ชนิดแพลงก์ตอนสัตว์ | 3 | 3 | 6 | 4 | 3 |
| ปริมาณแพลงก์ตอนสัตว์ | 48 | 74 | 299 | 218 | 142 |
| ดัชนีความหลากหลายแพลงก์ตอนสัตว์ | 1.0397 | 1.0082 | 1.3508 | 0.9771 | 0.9203 |
| ดัชนีความสม่ำเสมอแพลงก์ตอนสัตว์ | 0.9464 | 0.9177 | 0.7539 | 0.7048 | 0.8377 |

- Sample Location :**
1. สถานี 2457433-1 : จุดที่ 1 : บริเวณคลองชุมพลเหนือจุดระบายน้ำทิ้งขึ้นไป 500 เมตร
 2. สถานี 2457433-2 : จุดที่ 2 : บริเวณคลองชุมพล ณ จุดระบายน้ำทิ้ง (บริเวณฝายทดยาขจร)
 3. สถานี 2457433-3 : จุดที่ 3 : บริเวณจุดบรรจบระหว่างคลองชุมพลกับแควหนูม
 4. สถานี 2457433-4 : จุดที่ 4 : บริเวณแควหนูมานเหนือจุดบรรจบระหว่างคลองชุมพลกับแควหนูมานขึ้นไป 500 เมตร
 5. สถานี 2457433-5 : จุดที่ 5 : บริเวณแควหนูมานท้ายจุดบรรจบระหว่างคลองชุมพลกับแควหนูมานลงไป 500 เมตร

Condition of Sample : contained in one plastic bottle, sample containers comply to pretreatment-preservation standards (APHA, USEPA)



(นางสาวกนกวรรณ ขาวค้อน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา
101/12 หมู่ 9 ต. บางพระ
อ. ศรีราชา จ. ชลบุรี 20110
โทร./โทรสาร. (038) 311379

Client : Gulf NC Co., Ltd.

Address : 418 Moo 1, Nontree, Kabin Buri, Prachinburi, Thailand 25110

Project Name : Monitoring EIA

Project Location : GNC

รายงานผลการวิเคราะห์สัตว์หน้าดิน

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 14 มิถุนายน 2567)

| สกุลสัตว์หน้าดิน | ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร) | | | | |
|-----------------------------------|--------------------------------------|-----------|-----------|-----------|-----------|
| | 2457430-1 | 2457430-2 | 2457430-3 | 2457430-4 | 2457430-5 |
| Phylum Arthropoda | | | | | |
| Class Insecta | | | | | |
| Order Diptera | | | | | |
| Family Chironomidae | | | | | |
| <i>Chironomus</i> sp. (หนอนแดง) | 208 | 30 | 60 | 178 | 371 |
| Order Odonata | | | | | |
| Family Corduliidae | | | | | |
| <i>Epitheca</i> sp. (แมลงปอใหญ่) | - | - | - | 15 | - |
| Family Gomphidae | | | | | |
| <i>Gomphus</i> sp. (แมลงปอเล็ก) | 15 | - | - | - | - |
| Phylum Mollusca | | | | | |
| Class Gastropoda | | | | | |
| Order Architaenioglossa | | | | | |
| Family Thiaridae | | | | | |
| <i>Melanoides</i> sp. (หอยเชอรี่) | - | 163 | - | - | - |

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 14 มิถุนายน 2567)

(ต่อ)

| สกุสัตว์หน้าดิน | ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร) | | | | |
|----------------------------------|--------------------------------------|-----------|-----------|-----------|-----------|
| | 2457430-1 | 2457430-2 | 2457430-3 | 2457430-4 | 2457430-5 |
| สกุสัตว์หน้าดิน | 2 | 2 | 1 | 2 | 1 |
| ปริมาณสัตว์หน้าดิน | 223 | 193 | 60 | 193 | 371 |
| ค่าดัชนีความหลากหลายสัตว์หน้าดิน | 0.2465 | 0.4320 | 0.0000 | 0.2732 | 0.0000 |

Sample Location : 1. สถานี 2457430-1 : จุดที่ 1 : บริเวณคลองชุมพลเหนือจุดระบายน้ำทั้งขึ้น ไป 500 เมตร

2. สถานี 2457430-2 : จุดที่ 2 : บริเวณคลองชุมพล ณ จุดระบายน้ำทั้ง

(บริเวณฝายทอดยาวศร)

3. สถานี 2457430-3 : จุดที่ 3 : บริเวณจุดบรรจบระหว่างคลองชุมพลกับแควหนุมาน

4. สถานี 2457430-4 : จุดที่ 4 : บริเวณแควหนุมานเหนือจุดบรรจบระหว่างคลองชุมพลกับ
แควหนุมานขึ้น ไป 500 เมตร

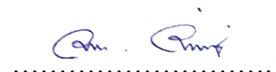
5. สถานี 2457430-5 : จุดที่ 5 : บริเวณแควหนุมานท้ายจุดบรรจบระหว่างคลองชุมพลกับ
แควหนุมานลง ไป 500 เมตร

Condition of Sample : contained in one plastic zip bag



(นายอรรถวุฒิ กันทะวงศ์)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา

ภาคผนวก ค-7

คุณภาพน้ำใต้ดิน



Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2457429

Date Received : Jun 14, 2024
Date Reported : Jun 21, 2024
Report Number : 3033031-1

Page 1 of 1

| | |
|--------------------------------|--|
| Sample Number | 2457429-1 |
| Sampled Date | Jun 13, 2024 2:55 PM |
| Sample Description | Ground water |
| Location | Down gradient well no.1 |
| Date Analysis Commenced | Jun 14, 2024 |
| Condition of Sample | Contained in one amber glass bottle, one BOD bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|----------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| pH at 25 degree C | | - | - | 7.3 | 6.5-9.2 (I) | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

(I): ในกรณีที่มีการปนเปื้อนของกรดหรือด่างให้เปรียบเทียบผลวิเคราะห์ค่าพีเอชจากจุดเก็บตัวอย่างบ่อน้ำที่ใช้ในการติดตามตรวจสอบการปนเปื้อนกับผลวิเคราะห์จากจุดเก็บตัวอย่างบ่อน้ำที่ใช้เป็นบ่ออ้างอิงบนทิศทางการไหลของน้ำใต้ดินในพื้นที่ โดยค่าพีเอชที่เปลี่ยนแปลงจะต้องไม่เกินหนึ่งระดับ และไม่อยู่นอกช่วงค่าเกณฑ์อนุโลมสูงสุดของมาตรฐานคุณภาพน้ำบาดาลที่บริโภคคือ 6.5-9.2

Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Technical Management

Photchana S.

Photchana Seeda
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Changchon.

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2457429

Date Received : Jun 14, 2024

Date Reported : Jun 22, 2024

Report Number : 3033031-2

Page 1 of 1

| | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|
| Sample Number | 2457429-1 | | | | | | |
| Sampled Date | Jun 13, 2024 2:55 PM | | | | | | |
| Sample Description | Ground water | | | | | | |
| Location | Down gradient well no.1 | | | | | | |
| Date Analysis Commenced | Jun 14, 2024 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle, one BOD bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|----------|------|-----------|--------------|---------------------------|--|------------------|
| Water Testing | | | | | | | |
| BOD (5 days at 20 Degree C) | mg/L | - | 2.0 | <2.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G | Rayong |
| Chlorite | mg/L | 0.05 | 0.1 | Not Detected | No Standard | In-house method : STM 04-061 based on United States Environmental Protection Agency, 1999, EPA Method 300.1 | Bangkok |
| Dissolved Oxygen | mg/L | - | 0.1 | <0.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C) | Rayong |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B | Rayong |
| Temperature | Degree C | - | - | 35.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B | Rayong |
| Total Dissolved Solids Dried at 180 degree C | mg/L | - | 5 | 424 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D | Rayong |

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampling By : Paramet Sattayakun , Pattarapol Sawangjaitam

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2457429

Date Received : Jun 14, 2024

Date Reported : Jun 21, 2024

Report Number : 3033032-1

Page 1 of 1

| | |
|--------------------------------|--|
| Sample Number | 2457429-2 |
| Sampled Date | Jun 13, 2024 2:20 PM |
| Sample Description | Ground water |
| Location | Down gradient well no.2 |
| Date Analysis Commenced | Jun 14, 2024 |
| Condition of Sample | Contained in one amber glass bottle, one BOD bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|----------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| pH at 25 degree C | | - | - | 7.4 | 6.5-9.2 (I) | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

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Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Changchon.

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory.
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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2457429

Date Received : Jun 14, 2024

Date Reported : Jun 22, 2024

Report Number : 3033032-2

Page 1 of 1

| | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|
| Sample Number | 2457429-2 | | | | | | |
| Sampled Date | Jun 13, 2024 2:20 PM | | | | | | |
| Sample Description | Ground water | | | | | | |
| Location | Down gradient well no.2 | | | | | | |
| Date Analysis Commenced | Jun 14, 2024 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle, one BOD bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|----------|------|-----------|--------------|---------------------------|--|------------------|
| Water Testing | | | | | | | |
| BOD (5 days at 20 Degree C) | mg/L | - | 2.0 | <2.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G | Rayong |
| Chlorite | mg/L | 0.05 | 0.1 | Not Detected | No Standard | In-house method : STM 04-061 based on United States Environmental Protection Agency, 1999, EPA Method 300.1 | Bangkok |
| Dissolved Oxygen | mg/L | - | 0.1 | 2.3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C) | Rayong |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B | Rayong |
| Temperature | Degree C | - | - | 33.9 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B | Rayong |
| Total Dissolved Solids Dried at 180 degree C | mg/L | - | 5 | 396 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D | Rayong |

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampling By : Paramet Sattayakun , Pattarapol Sawangjaitam

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2457429

Date Received : Jun 14, 2024

Date Reported : Jun 21, 2024

Report Number : 3033033-1

Page 1 of 1

| | |
|--------------------------------|--|
| Sample Number | 2457429-3 |
| Sampled Date | Jun 13, 2024 3:30 PM |
| Sample Description | Ground water |
| Location | Up gradient well |
| Date Analysis Commenced | Jun 14, 2024 |
| Condition of Sample | Contained in one amber glass bottle, one BOD bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|----------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| pH at 25 degree C | | - | - | 7.3 | 6.5-9.2 (I) | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

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Sampling By : Paramet Sattayakun ทะเบียนเลขที่ ว-323-จ-9476 , Pattarapol Sawangjaitam ทะเบียนเลขที่ ว-204-จ-0002

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Technical Management

Photchana S.

Photchana Seeda

Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9446

Approved by

D. Changchon.

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2457429

Date Received : Jun 14, 2024

Date Reported : Jun 22, 2024

Report Number : 3033033-2

Page 1 of 1

| | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|
| Sample Number | 2457429-3 | | | | | | |
| Sampled Date | Jun 13, 2024 3:30 PM | | | | | | |
| Sample Description | Ground water | | | | | | |
| Location | Up gradient well | | | | | | |
| Date Analysis Commenced | Jun 14, 2024 | | | | | | |
| Condition of Sample | Contained in one amber glass bottle, one BOD bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|----------|------|-----------|--------------|---------------------------|--|------------------|
| Water Testing | | | | | | | |
| BOD (5 days at 20 Degree C) | mg/L | - | 2.0 | <2.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G | Rayong |
| Chlorite | mg/L | 0.05 | 0.1 | Not Detected | No Standard | In-house method : STM 04-061 based on United States Environmental Protection Agency, 1999, EPA Method 300.1 | Bangkok |
| Dissolved Oxygen | mg/L | - | 0.1 | 1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C) | Rayong |
| Oil & Grease | mg/L | - | 3 | <3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B | Rayong |
| Temperature | Degree C | - | - | 31.9 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B | Rayong |
| Total Dissolved Solids Dried at 180 degree C | mg/L | - | 5 | 2160 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | <5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D | Rayong |

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Sampling By : Paramet Sattayakun , Pattarapol Sawangjaitam

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Photchana S.

Photchana Seeda
Scientist (4)

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ภาคผนวก ค-8

ระดับเสียงในบริเวณการทำงาน



Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210601898
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 246565

Date Received : Feb 22, 2024
Date Reported : Feb 28, 2024
Report Number: 2922107-1

Page 1 of 1

Sample Number 246565-1
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Cooling Tower
Measurement Date Feb 21, 2024
Measurement by Chanon Booncheun

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 09:31 AM - 10:31 AM | 83.3 | 84.9 | 83.2 |
| 10:31 AM - 11:31 AM | 83.2 | 84.8 | 83.1 |
| 11:31 AM - 12:31 PM | 83.2 | 85.2 | 83.1 |
| 12:31 PM - 01:31 PM | 83.1 | 87.7 | 83.0 |
| 01:31 PM - 02:31 PM | 83.1 | 89.7 | 82.9 |
| 02:31 PM - 03:31 PM | 83.0 | 85.7 | 82.8 |
| 03:31 PM - 04:31 PM | 82.0 | 106.7 | 81.4 |
| 04:31 PM - 05:31 PM | 82.6 | 108.2 | 81.9 |

Leq Average 8 hrs. (dB(A))

83.0

Lmax (dB(A))

108.2

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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P/O : 4210601898
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 246565

Date Received : Feb 22, 2024
Date Reported : Feb 28, 2024
Report Number: 2922108-1

Page 1 of 1

Sample Number 246565-2
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Gas Compressor
Measurement Date Feb 21, 2024
Measurement by Chanon Booncheun

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 09:18 AM - 10:18 AM | 74.0 | 76.3 | 73.3 |
| 10:18 AM - 11:18 AM | 74.2 | 76.0 | 73.6 |
| 11:18 AM - 12:18 PM | 80.3 | 105.4 | 74.1 |
| 12:18 PM - 01:18 PM | 78.5 | 106.2 | 72.9 |
| 01:18 PM - 02:18 PM | 76.5 | 79.9 | 73.5 |
| 02:18 PM - 03:18 PM | 77.0 | 79.9 | 74.1 |
| 03:18 PM - 04:18 PM | 77.6 | 80.0 | 75.6 |
| 04:18 PM - 05:18 PM | 77.3 | 80.9 | 74.9 |

Leq Average 8 hrs. (dB(A))

77.4

Lmax (dB(A))

106.2

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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P/O : 4210601898
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 246565

Date Received : Feb 22, 2024
Date Reported : Feb 28, 2024
Report Number: 2922109-1

Page 1 of 1

Sample Number 246565-3
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Boiler Feed Pump
Measurement Date Feb 21, 2024
Measurement by Chanon Booncheun

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 09:12 AM - 10:12 AM | 79.0 | 93.4 | 78.5 |
| 10:12 AM - 11:12 AM | 78.6 | 81.4 | 78.4 |
| 11:12 AM - 12:12 PM | 79.1 | 82.7 | 78.6 |
| 12:12 PM - 01:12 PM | 83.4 | 85.8 | 81.5 |
| 01:12 PM - 02:12 PM | 82.0 | 82.7 | 81.7 |
| 02:12 PM - 03:12 PM | 82.1 | 83.4 | 81.9 |
| 03:12 PM - 04:12 PM | 82.2 | 83.9 | 82.0 |
| 04:12 PM - 05:12 PM | 82.2 | 82.8 | 82.0 |

Leq Average 8 hrs. (dB(A))

81.4

Lmax (dB(A))

93.4

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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P/O : 4210601898
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 246565

Date Received : Feb 22, 2024
Date Reported : Feb 28, 2024
Report Number: 2922110-1

Page 1 of 1

Sample Number 246565-4
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Gas Turbine Accessories System GT1
Measurement Date Feb 21, 2024
Measurement by Chanon Booncheun

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 09:19 AM - 10:19 AM | 77.2 | 79.2 | 76.8 |
| 10:19 AM - 11:19 AM | 77.1 | 79.7 | 76.8 |
| 11:19 AM - 12:19 PM | 78.6 | 92.2 | 76.8 |
| 12:19 PM - 01:19 PM | 85.0 | 90.3 | 81.7 |
| 01:19 PM - 02:19 PM | 82.7 | 83.8 | 82.4 |
| 02:19 PM - 03:19 PM | 82.5 | 83.4 | 82.0 |
| 03:19 PM - 04:19 PM | 82.1 | 82.9 | 81.6 |
| 04:19 PM - 05:19 PM | 82.5 | 83.6 | 81.9 |

Leq Average 8 hrs. (dB(A))

81.7

Lmax (dB(A))

92.2

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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P/O : 4210601898
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 246565

Date Received : Feb 22, 2024
Date Reported : Feb 28, 2024
Report Number: 2922111-1

Page 1 of 1

Sample Number 246565-5
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Gas Turbine Accessories System GT2
Measurement Date Feb 21, 2024
Measurement by Chanon Booncheun

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 09:04 AM - 10:04 AM | 82.7 | 85.6 | 82.2 |
| 10:04 AM - 11:04 AM | 82.6 | 84.8 | 82.0 |
| 11:04 AM - 12:04 PM | 82.4 | 84.0 | 82.0 |
| 12:04 PM - 01:04 PM | 82.8 | 86.1 | 82.1 |
| 01:04 PM - 02:04 PM | 85.5 | 87.0 | 84.7 |
| 02:04 PM - 03:04 PM | 84.8 | 86.7 | 83.5 |
| 03:04 PM - 04:04 PM | 83.3 | 85.7 | 82.0 |
| 04:04 PM - 05:04 PM | 83.5 | 86.4 | 81.9 |

Leq Average 8 hrs. (dB(A))

83.6

Lmax (dB(A))

87.0

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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P/O : 4210601898
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 246565

Date Received : Feb 22, 2024
Date Reported : Feb 28, 2024
Report Number: 2922112-1

Page 1 of 1

Sample Number 246565-6
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Steam Turbine Generator
Measurement Date Feb 21, 2024
Measurement by Chanon Booncheun

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 09:19 AM - 10:19 AM | 75.4 | 81.3 | 75.0 |
| 10:19 AM - 11:19 AM | 75.3 | 78.9 | 74.9 |
| 11:19 AM - 12:19 PM | 75.5 | 79.4 | 75.0 |
| 12:19 PM - 01:19 PM | 75.5 | 77.8 | 75.1 |
| 01:19 PM - 02:19 PM | 75.0 | 78.2 | 74.5 |
| 02:19 PM - 03:19 PM | 75.0 | 82.9 | 74.6 |
| 03:19 PM - 04:19 PM | 74.9 | 81.5 | 74.6 |
| 04:19 PM - 05:19 PM | 75.1 | 78.1 | 74.7 |

Leq Average 8 hrs. (dB(A))

75.2

Lmax (dB(A))

82.9

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 246565

Date Received : Feb 22, 2024
Date Reported : Feb 28, 2024
Report Number: 2922113-1

Page 1 of 1

Sample Number 246565-7
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Steam Turbine Lube Oil Skid
Measurement Date Feb 21, 2024
Measurement by Chanon Booncheun

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 09:24 AM - 10:24 AM | 73.6 | 80.0 | 73.2 |
| 10:24 AM - 11:24 AM | 73.4 | 85.0 | 72.8 |
| 11:24 AM - 12:24 PM | 73.6 | 79.8 | 73.1 |
| 12:24 PM - 01:24 PM | 73.5 | 78.8 | 73.3 |
| 01:24 PM - 02:24 PM | 73.4 | 80.2 | 73.1 |
| 02:24 PM - 03:24 PM | 73.2 | 85.7 | 72.9 |
| 03:24 PM - 04:24 PM | 73.6 | 81.5 | 73.2 |
| 04:24 PM - 05:24 PM | 73.3 | 78.6 | 73.1 |

Leq Average 8 hrs. (dB(A))

73.5

Lmax (dB(A))

85.7

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2443351

Date Received : Jun 10, 2024
Date Reported : Jun 13, 2024
Report Number: 3023875-1

Page 1 of 1

Sample Number 2443351-1
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Cooling Tower
Measurement Date Jun 07, 2024
Measurement by Amnat Wongsakhen

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 08:26 AM - 09:26 AM | 81.6 | 82.3 | 81.5 |
| 09:26 AM - 10:26 AM | 81.6 | 81.9 | 81.5 |
| 10:26 AM - 11:26 AM | 81.5 | 81.9 | 81.4 |
| 11:26 AM - 12:26 PM | 81.5 | 82.2 | 81.4 |
| 12:26 PM - 01:26 PM | 81.4 | 82.7 | 81.3 |
| 01:26 PM - 02:26 PM | 81.4 | 81.7 | 81.3 |
| 02:26 PM - 03:26 PM | 81.4 | 81.8 | 81.3 |
| 03:26 PM - 04:26 PM | 81.6 | 96.6 | 81.3 |

Leq Average 8 hrs. (dB(A))

81.5

Lmax (dB(A))

96.6

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2443351

Date Received : Jun 10, 2024
Date Reported : Jun 13, 2024
Report Number: 3023876-1

Page 1 of 1

Sample Number 2443351-2
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Gas Compressor
Measurement Date Jun 07, 2024
Measurement by Amnat Wongsakhen

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 08:10 AM - 09:10 AM | 75.2 | 77.0 | 74.2 |
| 09:10 AM - 10:10 AM | 75.1 | 93.2 | 74.0 |
| 10:10 AM - 11:10 AM | 74.6 | 76.0 | 73.9 |
| 11:10 AM - 12:10 PM | 74.6 | 75.9 | 74.1 |
| 12:10 PM - 01:10 PM | 74.8 | 93.3 | 74.0 |
| 01:10 PM - 02:10 PM | 74.3 | 75.4 | 73.6 |
| 02:10 PM - 03:10 PM | 73.8 | 75.8 | 73.1 |
| 03:10 PM - 04:10 PM | 74.1 | 92.1 | 73.3 |

Leq Average 8 hrs. (dB(A))

74.6

Lmax (dB(A))

93.3

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2443351

Date Received : Jun 10, 2024
Date Reported : Jun 13, 2024
Report Number: 3023877-1

Page 1 of 1

Sample Number 2443351-3
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Boiler Feed Pump
Measurement Date Jun 07, 2024
Measurement by Amnat Wongsakhen

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 08:03 AM - 09:03 AM | 80.3 | 81.9 | 80.1 |
| 09:03 AM - 10:03 AM | 80.0 | 80.9 | 79.6 |
| 10:03 AM - 11:03 AM | 79.9 | 80.9 | 79.5 |
| 11:03 AM - 12:03 PM | 79.4 | 80.4 | 79.1 |
| 12:03 PM - 01:03 PM | 79.2 | 81.0 | 79.0 |
| 01:03 PM - 02:03 PM | 79.2 | 80.0 | 79.0 |
| 02:03 PM - 03:03 PM | 79.3 | 80.1 | 79.1 |
| 03:03 PM - 04:03 PM | 79.2 | 80.0 | 79.0 |

Leq Average 8 hrs. (dB(A))

79.6

Lmax (dB(A))

81.9

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

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P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2443351

Date Received : Jun 10, 2024
Date Reported : Jun 13, 2024
Report Number: 3023878-1

Page 1 of 1

Sample Number 2443351-4
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Gas Turbine Accessories System GT1
Measurement Date Jun 07, 2024
Measurement by Amnat Wongsakhen

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 08:00 AM - 09:00 AM | 79.7 | 81.5 | 79.4 |
| 09:00 AM - 10:00 AM | 79.6 | 80.4 | 79.4 |
| 10:00 AM - 11:00 AM | 79.6 | 80.6 | 79.3 |
| 11:00 AM - 12:00 PM | 79.4 | 80.4 | 79.1 |
| 12:00 PM - 01:00 PM | 79.6 | 80.2 | 79.4 |
| 01:00 PM - 02:00 PM | 79.5 | 80.5 | 79.3 |
| 02:00 PM - 03:00 PM | 79.5 | 80.4 | 79.3 |
| 03:00 PM - 04:00 PM | 79.4 | 80.2 | 79.2 |

Leq Average 8 hrs. (dB(A))

79.5

Lmax (dB(A))

81.5

Standard (dB(A))

90

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P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2443351

Date Received : Jun 10, 2024
Date Reported : Jun 13, 2024
Report Number: 3023879-1

Page 1 of 1

Sample Number 2443351-5
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Gas Turbine Accessories System GT2
Measurement Date Jun 07, 2024
Measurement by Amnat Wongsakhen

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 08:00 AM - 09:00 AM | 67.0 | 70.8 | 66.7 |
| 09:00 AM - 10:00 AM | 66.5 | 68.0 | 66.1 |
| 10:00 AM - 11:00 AM | 66.2 | 69.4 | 65.9 |
| 11:00 AM - 12:00 PM | 66.1 | 76.7 | 65.8 |
| 12:00 PM - 01:00 PM | 66.0 | 67.1 | 65.7 |
| 01:00 PM - 02:00 PM | 66.3 | 68.4 | 65.8 |
| 02:00 PM - 03:00 PM | 66.3 | 74.3 | 65.8 |
| 03:00 PM - 04:00 PM | 66.5 | 67.8 | 65.9 |

Leq Average 8 hrs. (dB(A))

66.4

Lmax (dB(A))

76.7

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2443351

Date Received : Jun 10, 2024
Date Reported : Jun 13, 2024
Report Number: 3023880-1

Page 1 of 1

Sample Number 2443351-6
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Steam Turbine Generator
Measurement Date Jun 07, 2024
Measurement by Amnat Wongsakhen

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 08:20 AM - 09:20 AM | 74.1 | 77.6 | 73.8 |
| 09:20 AM - 10:20 AM | 74.3 | 76.1 | 74.0 |
| 10:20 AM - 11:20 AM | 74.0 | 75.1 | 73.6 |
| 11:20 AM - 12:20 PM | 73.5 | 79.8 | 73.3 |
| 12:20 PM - 01:20 PM | 73.7 | 76.7 | 73.5 |
| 01:20 PM - 02:20 PM | 73.7 | 74.5 | 73.5 |
| 02:20 PM - 03:20 PM | 73.7 | 75.5 | 73.5 |
| 03:20 PM - 04:20 PM | 74.0 | 78.7 | 73.9 |

Leq Average 8 hrs. (dB(A))

73.9

Lmax (dB(A))

79.8

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Analysis / Test Report

Client : Gulf NC Co., Ltd.
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P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2443351

Date Received : Jun 10, 2024
Date Reported : Jun 13, 2024
Report Number: 3023881-1

Page 1 of 1

Sample Number 2443351-7
Parameter Noise (Leq 8 hrs.)
Location บริเวณ Steam Turbine Lube Oil Skid
Measurement Date Jun 07, 2024
Measurement by Amnat Wongsakhen

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 08:20 AM - 09:20 AM | 74.3 | 79.8 | 74.0 |
| 09:20 AM - 10:20 AM | 73.8 | 77.7 | 73.5 |
| 10:20 AM - 11:20 AM | 73.5 | 74.6 | 73.3 |
| 11:20 AM - 12:20 PM | 73.3 | 81.9 | 73.1 |
| 12:20 PM - 01:20 PM | 73.2 | 77.4 | 73.0 |
| 01:20 PM - 02:20 PM | 73.0 | 74.8 | 72.9 |
| 02:20 PM - 03:20 PM | 73.0 | 75.9 | 72.9 |
| 03:20 PM - 04:20 PM | 73.3 | 80.3 | 73.0 |

Leq Average 8 hrs. (dB(A)) 73.4
Lmax (dB(A)) 81.9
Standard (dB(A)) 90
Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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ภาคผนวก ค-9

ระดับความร้อนในบริเวณการทำงาน



Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210601898
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 246574

Date Received : Feb 23, 2024
Date Reported : Feb 27, 2024
Report Number: 2888718-1

Page 1 of 6

Sample Number 246574-1
Parameter Heat Stress (Sampling Time : 12.00 PM - 14.00 PM)
Measurement Date Feb 21, 2024
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

| Location | Duration (min) | WBGT (°C) | NWB (°C) | GT (°C) | DB (°C) |
|-------------------------------|----------------|-----------|----------|---------|---------|
| บริเวณ Condenser exhaust unit | 120 | 30.0 | 26.9 | 37.1 | 37.1 |
| Average (WBGT) | | 30.0 | | | |
| Guideline WBGT (°C) | | 34.0 | | | |

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

Technical Management


Supot Salamteh
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Assistant Manager



Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210601898
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 246574

Date Received : Feb 23, 2024
Date Reported : Feb 27, 2024
Report Number: 2888718-1

Page 2 of 6

Sample Number 246574-2
Parameter Heat Stress (Sampling Time : 12.00 PM - 14.00 PM)
Measurement Date Feb 21, 2024
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

| Location | Duration (min) | WBGT (°C) | NWB (°C) | GT (°C) | DB (°C) |
|---------------------|----------------|-----------|----------|---------|---------|
| บริเวณท่อส่งน้ำ | 120 | 29.9 | 26.7 | 37.3 | 37.3 |
| Average (WBGT) | | 29.9 | | | |
| Guideline WBGT (°C) | | 34.0 | | | |

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

Technical Management


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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210601898
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 246574

Date Received : Feb 23, 2024
Date Reported : Feb 27, 2024
Report Number: 2888718-1

Page 3 of 6

Sample Number 246574-3
Parameter Heat Stress (Sampling Time : 12.00 PM - 14.00 PM)
Measurement Date Feb 21, 2024
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

| Location | Duration (min) | WBGT (°C) | NWB (°C) | GT (°C) | DB (°C) |
|--------------------------|----------------|-----------|----------|---------|---------|
| บริเวณ Generator Area 11 | 120 | 29.9 | 26.0 | 39.8 | 37.6 |
| Average (WBGT) | | 29.9 | | | |
| Guideline WBGT (°C) | | 34.0 | | | |

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

Technical Management


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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210601898
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 246574

Date Received : Feb 23, 2024
Date Reported : Feb 27, 2024
Report Number: 2888718-1

Page 4 of 6

Sample Number 246574-4
Parameter Heat Stress (Sampling Time : 12.00 PM - 14.00 PM)
Measurement Date Feb 21, 2024
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

| Location | Duration (min) | WBGT (°C) | NWB (°C) | GT (°C) | DB (°C) |
|--------------------------|----------------|-----------|----------|---------|---------|
| บริเวณ Generator Area 12 | 120 | 29.5 | 26.0 | 37.9 | 36.9 |
| Average (WBGT) | | 29.5 | | | |
| Guideline WBGT (°C) | | 34.0 | | | |

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210601898
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 246574

Date Received : Feb 23, 2024
Date Reported : Feb 27, 2024
Report Number: 2888718-1

Page 5 of 6

Sample Number 246574-5
Parameter Heat Stress (Sampling Time : 12.00 PM - 14.00 PM)
Measurement Date Feb 21, 2024
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

| Location | Duration (min) | WBGT (°C) | NWB (°C) | GT (°C) | DB (°C) |
|----------------------------|----------------|-----------|----------|---------|---------|
| บริเวณ Gas Turbine Area 11 | 120 | 31.3 | 27.2 | 41.0 | 40.5 |
| Average (WBGT) | | 31.3 | | | |
| Guideline WBGT (°C) | | 34.0 | | | |

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

Technical Management


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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210601898
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 246574

Date Received : Feb 23, 2024
Date Reported : Feb 27, 2024
Report Number: 2888718-1

Page 6 of 6

Sample Number 246574-6
Parameter Heat Stress (Sampling Time : 12.00 PM - 14.00 PM)
Measurement Date Feb 21, 2024
Measurement by Chanon Booncheun
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

| Location | Duration (min) | WBGT (°C) | NWB (°C) | GT (°C) | DB (°C) |
|----------------------------|----------------|-----------|----------|---------|---------|
| บริเวณ Gas Turbine Area 12 | 120 | 32.0 | 28.1 | 41.2 | 41.0 |
| Average (WBGT) | | 32.0 | | | |
| Guideline WBGT (°C) | | 34.0 | | | |

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

Technical Management


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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2443355

Date Received : Jun 08, 2024

Date Reported : Jun 13, 2024

Report Number: 2969083-1

Page 1 of 6

Sample Number 2443355-1
Parameter Heat Stress (Sampling Time : 12.00 PM - 02.00 PM)
Measurement Date Jun 07, 2024
Measurement by Amnat Wongsakhen
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

| Location | Duration (min) | WBGT (°C) | NWB (°C) | GT (°C) | DB (°C) |
|-------------------------------|----------------|-----------|----------|---------|---------|
| บริเวณ Condenser Exhaust Unit | 120 | 29.7 | 27.8 | 34.2 | 34.2 |
| Average (WBGT) | | 29.7 | | | |
| Guideline WBGT (°C) | | 34.0 | | | |

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
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P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2443355

Date Received : Jun 08, 2024

Date Reported : Jun 13, 2024

Report Number: 2969083-1

Page 2 of 6

Sample Number 2443355-2
Parameter Heat Stress (Sampling Time : 12.00 PM - 02.00 PM)
Measurement Date Jun 07, 2024
Measurement by Amnat Wongsakhen
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

| Location | Duration (min) | WBGT (°C) | NWB (°C) | GT (°C) | DB (°C) |
|---------------------|----------------|-----------|----------|---------|---------|
| บริเวณท่อส่งน้ำ | 120 | 30.0 | 28.0 | 34.5 | 34.5 |
| Average (WBGT) | | 30.0 | | | |
| Guideline WBGT (°C) | | 34.0 | | | |

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
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P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2443355

Date Received : Jun 08, 2024

Date Reported : Jun 13, 2024

Report Number: 2969083-1

Page 3 of 6

Sample Number 2443355-3
Parameter Heat Stress (Sampling Time : 12.00 PM - 02.00 PM)
Measurement Date Jun 07, 2024
Measurement by Amnat Wongsakhen
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

| Location | Duration (min) | WBGT (°C) | NWB (°C) | GT (°C) | DB (°C) |
|--------------------------|----------------|-----------|----------|---------|---------|
| บริเวณ Generator Area 11 | 120 | 29.2 | 27.3 | 33.5 | 33.5 |
| Average (WBGT) | | 29.2 | | | |
| Guideline WBGT (°C) | | 34.0 | | | |

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
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Analysis / Test Report

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418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2443355

Date Received : Jun 08, 2024

Date Reported : Jun 13, 2024

Report Number: 2969083-1

Page 4 of 6

Sample Number 2443355-4
Parameter Heat Stress (Sampling Time : 12.00 PM - 02.00 PM)
Measurement Date Jun 07, 2024
Measurement by Amnat Wongsakhen
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

| Location | Duration (min) | WBGT (°C) | NWB (°C) | GT (°C) | DB (°C) |
|--------------------------|----------------|-----------|----------|---------|---------|
| บริเวณ Generator Area 12 | 120 | 29.2 | 27.4 | 33.3 | 33.2 |
| Average (WBGT) | | 29.2 | | | |
| Guideline WBGT (°C) | | 34.0 | | | |

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
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P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2443355

Date Received : Jun 08, 2024

Date Reported : Jun 13, 2024

Report Number: 2969083-1

Page 5 of 6

Sample Number 2443355-5
Parameter Heat Stress (Sampling Time : 12.00 PM - 02.00 PM)
Measurement Date Jun 07, 2024
Measurement by Amnat Wongsakhen
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

| Location | Duration (min) | WBGT (°C) | NWB (°C) | GT (°C) | DB (°C) |
|-----------------------|----------------|-----------|----------|---------|---------|
| บริเวณ Gas Turbine 11 | 120 | 29.6 | 27.6 | 34.3 | 34.0 |
| Average (WBGT) | | 29.6 | | | |
| Guideline WBGT (°C) | | 34.0 | | | |

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110
P/O : 4210602061
Project Name : Monitoring EIA
Project Location : GNC

Lot ID: 2443355

Date Received : Jun 08, 2024

Date Reported : Jun 13, 2024

Report Number: 2969083-1

Page 6 of 6

Sample Number 2443355-6
Parameter Heat Stress (Sampling Time : 12.00 PM - 02.00 PM)
Measurement Date Jun 07, 2024
Measurement by Amnat Wongsakhen
Location ปฏิบัติงาน 1 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : - แผนก : -)

| Location | Duration (min) | WBGT (°C) | NWB (°C) | GT (°C) | DB (°C) |
|-----------------------|----------------|-----------|----------|---------|---------|
| บริเวณ Gas Turbine 12 | 120 | 29.5 | 27.5 | 34.3 | 34.2 |
| Average (WBGT) | | 29.5 | | | |
| Guideline WBGT (°C) | | 34.0 | | | |

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

Technical Management


Supot Salamteh
Section Head

Approved by


Wichan Choonharat
Assistant Manager

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ภาคผนวก ค-10

ความเข้มแสงสว่างในบริเวณการทำงาน



Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 246579 (1)

Date Received : Feb 23, 2024
Date Reported : Feb 25, 2024
Report Number: 246579 (1)-1

Page 1 of 2

| GNC | | | | | | | | | | |
|-------------|---|------------------|-----------|----------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 1 | Area : Administration Building : Canteen and Pantry Kitchen | 246579 (1)-1 | 21-Feb-24 | Day time | 1 | 489 | 452 | 150 | 300 | Pass |
| | | 246579 (1)-2 | 21-Feb-24 | Day time | 2 | 415 | | | | |
| 2 | Area : Administration Building : Women Toilets | 246579 (1)-3 | 21-Feb-24 | Day time | 1 | 560 | 522 | 50 | 100 | Pass |
| | | 246579 (1)-4 | 21-Feb-24 | Day time | 2 | 511 | | | | |
| | | 246579 (1)-5 | 21-Feb-24 | Day time | 3 | 405 | | | | |
| | | 246579 (1)-6 | 21-Feb-24 | Day time | 4 | 456 | | | | |
| | | 246579 (1)-7 | 21-Feb-24 | Day time | 5 | 589 | | | | |
| | | 246579 (1)-8 | 21-Feb-24 | Day time | 6 | 612 | | | | |
| 3 | Area : Administration Building : Men Toilets | 246579 (1)-9 | 21-Feb-24 | Day time | 1 | 283 | 398 | 50 | 100 | Pass |
| | | 246579 (1)-10 | 21-Feb-24 | Day time | 2 | 276 | | | | |
| | | 246579 (1)-11 | 21-Feb-24 | Day time | 3 | 355 | | | | |
| | | 246579 (1)-12 | 21-Feb-24 | Day time | 4 | 395 | | | | |
| | | 246579 (1)-13 | 21-Feb-24 | Day time | 5 | 560 | | | | |
| | | 246579 (1)-14 | 21-Feb-24 | Day time | 6 | 517 | | | | |
| 4 | Area : Administration Building : Walkway in Front of Reception | 246579 (1)-15 | 21-Feb-24 | Day time | 1 | 658 | 582 | 50 | 100 | Pass |
| | | 246579 (1)-16 | 21-Feb-24 | Day time | 2 | 596 | | | | |
| | | 246579 (1)-17 | 21-Feb-24 | Day time | 3 | 492 | | | | |
| 5 | Spot : Administration Building : Admin Office Table | 246579 (1)-18 | 21-Feb-24 | Day time | 1 | 437 | - | 400-500 | - | Pass |
| 6 | Spot : Administration Building : Purchasing Officer Table | 246579 (1)-19 | 21-Feb-24 | Day time | 1 | 662 | - | 400-500 | - | Pass |
| 7 | Spot : Administration Building : Admin Manager Table | 246579 (1)-20 | 21-Feb-24 | Day time | 1 | 426 | - | 400-500 | - | Pass |
| 8 | Spot : Administration Building : Photocopier | 246579 (1)-21 | 21-Feb-24 | Day time | 1 | 357 | - | 300-400 | - | Pass |
| 9 | Area : Administration Building : Master document Room | 246579 (1)-22 | 21-Feb-24 | Day time | 1 | 501 | 504 | 150 | 300 | Pass |
| | | 246579 (1)-23 | 21-Feb-24 | Day time | 2 | 477 | | | | |
| | | 246579 (1)-24 | 21-Feb-24 | Day time | 3 | 550 | | | | |
| | | 246579 (1)-25 | 21-Feb-24 | Day time | 4 | 495 | | | | |
| | | 246579 (1)-26 | 21-Feb-24 | Day time | 5 | 496 | | | | |
| | | 246579 (1)-27 | 21-Feb-24 | Day time | 6 | 507 | | | | |

Technical Management

Supot S.

Supot Salamteh
Section Head

Approved by

Wichan Choonharat

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 246579 (1)

Date Received : Feb 23, 2024
Date Reported : Feb 25, 2024
Report Number: 246579 (1)-1

Page 2 of 2

| GNC | | | | | | | | | | |
|-------------|--|------------------|-----------|----------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 10 | Area : Administration Building : Admin Walkway | 246579 (1)-28 | 21-Feb-24 | Day time | 1 | 447 | 263 | 50 | 100 | Pass |
| | | 246579 (1)-29 | 21-Feb-24 | Day time | 2 | 109 | | | | |
| | | 246579 (1)-30 | 21-Feb-24 | Day time | 3 | 117 | | | | |
| | | 246579 (1)-31 | 21-Feb-24 | Day time | 4 | 210 | | | | |
| | | 246579 (1)-32 | 21-Feb-24 | Day time | 5 | 148 | | | | |
| | | 246579 (1)-33 | 21-Feb-24 | Day time | 6 | 250 | | | | |
| | | 246579 (1)-34 | 21-Feb-24 | Day time | 7 | 360 | | | | |
| | | 246579 (1)-35 | 21-Feb-24 | Day time | 8 | 311 | | | | |
| | | 246579 (1)-36 | 21-Feb-24 | Day time | 9 | 411 | | | | |
| 11 | Area : Administration Building : Meeting Room 2 | 246579 (1)-37 | 21-Feb-24 | Day time | 1 | 675 | 403 | 150 | 300 | Pass |
| | | 246579 (1)-38 | 21-Feb-24 | Day time | 2 | 250 | | | | |
| | | 246579 (1)-39 | 21-Feb-24 | Day time | 3 | 317 | | | | |
| | | 246579 (1)-40 | 21-Feb-24 | Day time | 4 | 401 | | | | |
| | | 246579 (1)-41 | 21-Feb-24 | Day time | 5 | 411 | | | | |
| | | 246579 (1)-42 | 21-Feb-24 | Day time | 6 | 366 | | | | |
| 12 | Spot : Administration Building : Plant Manager Table | 246579 (1)-43 | 21-Feb-24 | Day time | 1 | 1,577 | - | 400-500 | - | Pass |
| | | 246579 (1)-44 | 21-Feb-24 | Day time | 2 | 1,262 | - | 300 | - | |
| | | 246579 (1)-45 | 21-Feb-24 | Day time | 3 | 921 | - | 200 | - | |
| 13 | Spot : Administration Building : EHS Room Tabel 1 | 246579 (1)-46 | 21-Feb-24 | Day time | 1 | 410 | - | 400-500 | - | Pass |
| 14 | Area : Administration Building : Meeting Room 1 | 246579 (1)-47 | 21-Feb-24 | Day time | 1 | 357 | 402 | 150 | 300 | Pass |
| | | 246579 (1)-48 | 21-Feb-24 | Day time | 2 | 311 | | | | |
| | | 246579 (1)-49 | 21-Feb-24 | Day time | 3 | 401 | | | | |
| | | 246579 (1)-50 | 21-Feb-24 | Day time | 4 | 362 | | | | |
| | | 246579 (1)-51 | 21-Feb-24 | Day time | 5 | 399 | | | | |
| | | 246579 (1)-52 | 21-Feb-24 | Day time | 6 | 411 | | | | |
| | | 246579 (1)-53 | 21-Feb-24 | Day time | 7 | 367 | | | | |
| | | 246579 (1)-54 | 21-Feb-24 | Day time | 8 | 401 | | | | |
| | | 246579 (1)-55 | 21-Feb-24 | Day time | 9 | 472 | | | | |
| | | 246579 (1)-56 | 21-Feb-24 | Day time | 10 | 416 | | | | |
| | | 246579 (1)-57 | 21-Feb-24 | Day time | 11 | 411 | | | | |
| | | 246579 (1)-58 | 21-Feb-24 | Day time | 12 | 520 | | | | |

Measurement by : Chanon Booncheun

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 246579 (2)

Date Received : Feb 23, 2024
Date Reported : Feb 25, 2024
Report Number: 246579 (2)-1

Page 1 of 1

| GNC | | | | | | | | | | |
|-------------|---|------------------|-----------|------------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 1 | Spot : Control Building : 1st Floor : MCC Room หน้าตู้ 1 | 246579 (2)-1 | 21-Feb-24 | Night time | 1 | 442 | - | 200-300 | - | Pass |
| 2 | Spot : Control Building : 1st Floor : MCC Room หน้าตู้ 2 | 246579 (2)-2 | 21-Feb-24 | Night time | 1 | 401 | - | 200-300 | - | Pass |
| 3 | Spot : Control Building : 1st Floor : MCC Room หน้าตู้ 3 | 246579 (2)-3 | 21-Feb-24 | Night time | 1 | 303 | - | 200-300 | - | Pass |
| 4 | Spot : Control Building : 1st Floor : MCC Room หน้าตู้ 4 | 246579 (2)-4 | 21-Feb-24 | Night time | 1 | 306 | - | 200-300 | - | Pass |
| 5 | Spot : Control Building : 1st Floor : MCC Room หน้าตู้ 5 | 246579 (2)-5 | 21-Feb-24 | Night time | 1 | 318 | - | 200-300 | - | Pass |
| 6 | Spot : Control Building : 1st Floor : Switchgear and Electrical : Room No.1 | 246579 (2)-6 | 21-Feb-24 | Day time | 1 | 274 | - | 200-300 | - | Pass |
| 7 | Spot : Control Building : 1st Floor : Switchgear and Electrical : Room No.2 | 246579 (2)-7 | 21-Feb-24 | Day time | 1 | 228 | - | 200-300 | - | Pass |
| 8 | Spot : Control Building : 1st Floor : Switchgear and Electrical : Room No.3 | 246579 (2)-8 | 21-Feb-24 | Day time | 1 | 274 | - | 200-300 | - | Pass |
| 9 | Spot : Control Building : 1st Floor : Switchgear and Electrical : Room No.4 | 246579 (2)-9 | 21-Feb-24 | Day time | 1 | 221 | - | 200-300 | - | Pass |
| 10 | Spot : Control Building : 1st Floor : Switchgear and Electrical : Room No.5 | 246579 (2)-10 | 21-Feb-24 | Day time | 1 | 210 | - | 200-300 | - | Pass |
| 11 | Spot : Control Building : 1st Floor : Switchgear and Electrical : Room No.6 | 246579 (2)-11 | 21-Feb-24 | Day time | 1 | 217 | - | 200-300 | - | Pass |
| 12 | Area : Control Building : 1st Floor : Stairs | 246579 (2)-12 | 21-Feb-24 | Night time | 1 | 116 | 121 | 50 | 100 | Pass |
| | | 246579 (2)-13 | 21-Feb-24 | Night time | 2 | 120 | | | | |
| | | 246579 (2)-14 | 21-Feb-24 | Night time | 3 | 127 | | | | |

Measurement by : Chanon Booncheun

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot S.

Supot Salamteh
Section Head

Approved by

Wichan Choonharat

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 246579 (3)

Date Received : Feb 23, 2024
Date Reported : Feb 25, 2024
Report Number: 246579 (3)-1

Page 1 of 1

| GNC | | | | | | | | | | |
|-------------|---|------------------|-----------|------------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 2 | Area : Control Building : 1st Floor : Walkway | 246579 (3)-1 | 21-Feb-24 | Night time | 1 | 110 | 178 | 50 | 100 | Pass |
| | | 246579 (3)-2 | 21-Feb-24 | Night time | 2 | 176 | | | | |
| | | 246579 (3)-3 | 21-Feb-24 | Night time | 3 | 211 | | | | |
| | | 246579 (3)-4 | 21-Feb-24 | Night time | 4 | 216 | | | | |
| | | 246579 (3)-5 | 21-Feb-24 | Night time | 5 | 144 | | | | |
| | | 246579 (3)-6 | 21-Feb-24 | Night time | 6 | 210 | | | | |

Measurement by : Chanon Booncheun

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
Section Head

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Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 246579 (4)

Date Received : Feb 23, 2024
Date Reported : Feb 25, 2024
Report Number: 246579 (4)-1

Page 1 of 3

| GNC | | | | | | | | | | | | |
|---------------|---|------------------|---|---------------|-----------|-------------------|---------|-----------------|---------|---------|-----|------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment | | |
| | | | | | | Spot | Average | Spot/Min | Average | | | |
| 1 | Area : Control Building : 2nd Floor : Stairs | 246579 (4)-1 | 21-Feb-24 | Night time | 1 | 115 | 125 | 50 | 100 | Pass | | |
| | | 246579 (4)-2 | 21-Feb-24 | Night time | 2 | 134 | | | | | | |
| | | 246579 (4)-3 | 21-Feb-24 | Night time | 3 | 126 | | | | | | |
| 2 | Area : Control Building : 2nd Floor : Walkway | 246579 (4)-4 | 21-Feb-24 | Day time | 1 | 658 | 350 | 50 | 100 | Pass | | |
| | | 246579 (4)-5 | 21-Feb-24 | Day time | 2 | 401 | | | | | | |
| | | 246579 (4)-6 | 21-Feb-24 | Day time | 3 | 344 | | | | | | |
| | | 246579 (4)-7 | 21-Feb-24 | Day time | 4 | 342 | | | | | | |
| | | 246579 (4)-8 | 21-Feb-24 | Day time | 5 | 259 | | | | | | |
| | | 246579 (4)-9 | 21-Feb-24 | Day time | 6 | 211 | | | | | | |
| | | 246579 (4)-10 | 21-Feb-24 | Day time | 7 | 314 | | | | | | |
| | | 246579 (4)-11 | 21-Feb-24 | Day time | 8 | 411 | | | | | | |
| | | 246579 (4)-12 | 21-Feb-24 | Day time | 9 | 209 | | | | | | |
| | | 246579 (4)-13 | 21-Feb-24 | Night time | 1 | 407 | 296 | 50 | 100 | Pass | | |
| | | 246579 (4)-14 | 21-Feb-24 | Night time | 2 | 411 | | | | | | |
| | | 246579 (4)-15 | 21-Feb-24 | Night time | 3 | 189 | | | | | | |
| | | 246579 (4)-16 | 21-Feb-24 | Night time | 4 | 216 | | | | | | |
| | | 246579 (4)-17 | 21-Feb-24 | Night time | 5 | 417 | | | | | | |
| | | 246579 (4)-18 | 21-Feb-24 | Night time | 6 | 268 | | | | | | |
| | | 246579 (4)-19 | 21-Feb-24 | Night time | 7 | 301 | | | | | | |
| | | 246579 (4)-20 | 21-Feb-24 | Night time | 8 | 217 | | | | | | |
| | | 246579 (4)-21 | 21-Feb-24 | Night time | 9 | 242 | | | | | | |
| | | 3 | Area : Control Building : 2nd Floor : Men Toilets | 246579 (4)-22 | 21-Feb-24 | Day time | 1 | 167 | 264 | 50 | 100 | Pass |
| | | | | 246579 (4)-23 | 21-Feb-24 | Day time | 2 | 243 | | | | |
| | | | | 246579 (4)-24 | 21-Feb-24 | Day time | 3 | 311 | | | | |
| 246579 (4)-25 | 21-Feb-24 | | | Day time | 4 | 276 | | | | | | |
| 246579 (4)-26 | 21-Feb-24 | | | Day time | 5 | 276 | | | | | | |
| 246579 (4)-27 | 21-Feb-24 | | | Day time | 6 | 312 | | | | | | |
| 4 | Area : Control Building : 2nd Floor : Women Toilets | 246579 (4)-28 | 21-Feb-24 | Day time | 1 | 369 | 262 | 50 | 100 | Pass | | |
| | | 246579 (4)-29 | 21-Feb-24 | Day time | 2 | 246 | | | | | | |
| | | 246579 (4)-30 | 21-Feb-24 | Day time | 3 | 172 | | | | | | |
| 5 | Area : Control Building : 2nd Floor : Canteen and Pantry Room | 246579 (4)-31 | 21-Feb-24 | Day time | 1 | 842 | 656 | 150 | 300 | Pass | | |
| | | 246579 (4)-32 | 21-Feb-24 | Day time | 2 | 672 | | | | | | |
| | | 246579 (4)-33 | 21-Feb-24 | Day time | 3 | 455 | | | | | | |

Technical Management

Supot Salamte
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 246579 (4)

Date Received : Feb 23, 2024
Date Reported : Feb 25, 2024
Report Number: 246579 (4)-1

Page 2 of 3

| GNC | | | | | | | | | | |
|-------------|---|------------------|-----------|------------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 6 | Spot : Control Building : 2nd Floor : Operation Manager Table | 246579 (4)-34 | 21-Feb-24 | Day time | 1 | 1,065 | - | 400-500 | - | Pass |
| | | 246579 (4)-35 | 21-Feb-24 | Day time | 2 | 1,326 | - | 300 | - | |
| | | 246579 (4)-36 | 21-Feb-24 | Day time | 3 | 931 | - | 200 | - | |
| | | 246579 (4)-37 | 21-Feb-24 | Night time | 1 | 706 | - | 400-500 | - | Pass |
| 7 | Spot : Control Building : 2nd Floor : Control Room Desk 1 | 246579 (4)-38 | 21-Feb-24 | Night time | 1 | 406 | - | 400-500 | - | Pass |
| 8 | Spot : Control Building : 2nd Floor : Control Room Desk 2 | 246579 (4)-39 | 21-Feb-24 | Night time | 1 | 417 | - | 400-500 | - | Pass |
| 9 | Spot : Control Building : 2nd Floor : Control Room Desk 3 | 246579 (4)-40 | 21-Feb-24 | Night time | 1 | 410 | - | 400-500 | - | Pass |
| 10 | Spot : Control Building : 2nd Floor : Control Room Desk 4 | 246579 (4)-41 | 21-Feb-24 | Night time | 1 | 411 | - | 400-500 | - | Pass |
| 11 | Spot : Control Building : 2nd Floor : Control Room Desk 5 | 246579 (4)-42 | 21-Feb-24 | Night time | 1 | 409 | - | 400-500 | - | Pass |
| 12 | Spot : Control Building : 2nd Floor : DSC Room Desk 1 | 246579 (4)-43 | 21-Feb-24 | Day time | 1 | 412 | - | 400-500 | - | Pass |
| | | 246579 (4)-44 | 21-Feb-24 | Night time | 1 | 400 | - | 400-500 | - | Pass |
| 13 | Spot : Control Building : 2nd Floor : Photocopier | 246579 (4)-45 | 21-Feb-24 | Day time | 1 | 311 | - | 300-400 | - | Pass |
| 14 | Spot : Control Building : 2nd Floor : Fax and Copy | 246579 (4)-46 | 21-Feb-24 | Day time | 1 | 301 | - | 300-400 | - | Pass |
| 15 | Spot : Control Building : 2nd Floor : Computer No.1 | 246579 (4)-47 | 21-Feb-24 | Day time | 1 | 417 | - | 400-500 | - | Pass |
| 16 | Spot : Control Building : 2nd Floor : Computer No.2 | 246579 (4)-48 | 21-Feb-24 | Day time | 1 | 409 | - | 400-500 | - | Pass |
| 17 | Spot : Control Building : 2nd Floor : โต๊ะทำงาน Operation Office 1 | 246579 (4)-49 | 21-Feb-24 | Night time | 1 | 402 | - | 400-500 | - | Pass |
| 18 | Spot : Control Building : 2nd Floor : โต๊ะทำงาน Operation Office 2 | 246579 (4)-50 | 21-Feb-24 | Night time | 1 | 401 | - | 400-500 | - | Pass |
| 19 | Spot : Control Building : 2nd Floor : CCTV Room Table | 246579 (4)-51 | 21-Feb-24 | Day time | 1 | 407 | - | 400-500 | - | Pass |
| 20 | Spot : Control Building : 2nd Floor : Control (Table No.1) | 246579 (4)-52 | 21-Feb-24 | Day time | 1 | 401 | - | 400-500 | - | Pass |

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 246579 (4)

Date Received : Feb 23, 2024
Date Reported : Feb 25, 2024
Report Number: 246579 (4)-1

Page 3 of 3

| GNC | | | | | | | | | | |
|-------------|--|------------------|-----------|------------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 21 | Spot : Control Building : 2nd Floor : Control (Table No.2) | 246579 (4)-53 | 21-Feb-24 | Day time | 1 | 411 | - | 400-500 | - | Pass |
| 22 | Spot : Control Building : 2nd Floor : Computer Control No.1 | 246579 (4)-54 | 21-Feb-24 | Day time | 1 | 926 | - | 400-500 | - | Pass |
| 23 | Spot : Control Building : 2nd Floor : Computer Control No.2 | 246579 (4)-55 | 21-Feb-24 | Day time | 1 | 489 | - | 400-500 | - | Pass |
| 24 | Spot : Control Building : 2nd Floor : Computer Control No.3 | 246579 (4)-56 | 21-Feb-24 | Day time | 1 | 404 | - | 400-500 | - | Pass |
| 25 | Spot : Control Building : 2nd Floor : Computer Control No.4 | 246579 (4)-57 | 21-Feb-24 | Day time | 1 | 407 | - | 400-500 | - | Pass |
| 26 | Spot : Control Building : 2nd Floor : Computer Control No.5 | 246579 (4)-58 | 21-Feb-24 | Day time | 1 | 411 | - | 400-500 | - | Pass |
| 27 | Spot : Control Building : 2nd Floor : Computer Control No.6 | 246579 (4)-59 | 21-Feb-24 | Day time | 1 | 406 | - | 400-500 | - | Pass |
| 28 | Spot : Control Building : 2nd Floor : Computer Control No.7 | 246579 (4)-60 | 21-Feb-24 | Day time | 1 | 409 | - | 400-500 | - | Pass |
| 29 | Spot : Control Building : 2nd Floor : ตู้ควบคุม 3 (10MKA10GH001 Generator Control Panel) | 246579 (4)-61 | 21-Feb-24 | Night time | 1 | 252 | - | 200-300 | - | Pass |
| 30 | Area : Control Building : 2nd Floor : ทางเดินภายในห้อง #1 | 246579 (4)-62 | 21-Feb-24 | Night time | 1 | 178 | 220 | 50 | 100 | Pass |
| | | 246579 (4)-63 | 21-Feb-24 | Night time | 2 | 262 | | | | |
| 31 | Area : Control Building : 2nd Floor : ทางเดินภายในห้อง #2 | 246579 (4)-64 | 21-Feb-24 | Night time | 1 | 234 | 225 | 50 | 100 | Pass |
| | | 246579 (4)-65 | 21-Feb-24 | Night time | 2 | 216 | | | | |

Measurement by : Chanon Booncheun

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 246579 (5)

Date Received : Feb 23, 2024
Date Reported : Feb 25, 2024
Report Number: 246579 (5)-1

Page 1 of 1

| GNC | | | | | | | | | | |
|-------------|--|------------------|-----------|----------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 1 | Spot : Terminal & Switchyard Control Building : Terminal Control Room No.1 | 246579 (5)-1 | 21-Feb-24 | Day time | 1 | 558 | - | 200-300 | - | Pass |
| 2 | Spot : Terminal & Switchyard Control Building : Terminal Control Room No.2 | 246579 (5)-2 | 21-Feb-24 | Day time | 1 | 273 | - | 200-300 | - | Pass |
| 3 | Spot : Terminal & Switchyard Control Building : Battery Room No.1 | 246579 (5)-3 | 21-Feb-24 | Day time | 1 | 411 | - | 200-300 | - | Pass |
| 4 | Spot : Terminal & Switchyard Control Building : Switchgear Room No.1 | 246579 (5)-4 | 21-Feb-24 | Day time | 1 | 224 | - | 200-300 | - | Pass |
| 5 | Spot : Terminal & Switchyard Control Building : Switchgear Room No.2 | 246579 (5)-5 | 21-Feb-24 | Day time | 1 | 331 | - | 200-300 | - | Pass |
| 6 | Spot : Terminal & Switchyard Control Building : Switchyard Control Room No.1 | 246579 (5)-6 | 21-Feb-24 | Day time | 1 | 217 | - | 200-300 | - | Pass |
| 7 | Spot : Terminal & Switchyard Control Building : Switchyard Control Room No.2 | 246579 (5)-7 | 21-Feb-24 | Day time | 1 | 950 | - | 200-300 | - | Pass |
| 8 | Spot : Terminal & Switchyard Control Building : Battery Room No.2 | 246579 (5)-8 | 21-Feb-24 | Day time | 1 | 366 | - | 200-300 | - | Pass |

Measurement by : Chanon Booncheun

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 246579 (6)

Date Received : Feb 23, 2024
Date Reported : Feb 25, 2024
Report Number: 246579 (6)-1

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| GNC | | | | | | | | | | |
|-------------|---|------------------|-----------|----------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 1 | Area : Warehouse and Workshop Building : 1st Floor : Reception Room | 246579 (6)-1 | 21-Feb-24 | Day time | 1 | 225 | 184 | 50 | 100 | Pass |
| | | 246579 (6)-2 | 21-Feb-24 | Day time | 2 | 211 | | | | |
| | | 246579 (6)-3 | 21-Feb-24 | Day time | 3 | 209 | | | | |
| | | 246579 (6)-4 | 21-Feb-24 | Day time | 4 | 235 | | | | |
| | | 246579 (6)-5 | 21-Feb-24 | Day time | 5 | 152 | | | | |
| | | 246579 (6)-6 | 21-Feb-24 | Day time | 6 | 112 | | | | |
| | | 246579 (6)-7 | 21-Feb-24 | Day time | 7 | 189 | | | | |
| | | 246579 (6)-8 | 21-Feb-24 | Day time | 8 | 211 | | | | |
| | | 246579 (6)-9 | 21-Feb-24 | Day time | 9 | 109 | | | | |
| 2 | Area : Warehouse and Workshop Building : 1st Floor : Warehouse Canteen and Pantry | 246579 (6)-10 | 21-Feb-24 | Day time | 1 | 451 | 357 | 150 | 300 | Pass |
| | | 246579 (6)-11 | 21-Feb-24 | Day time | 2 | 312 | | | | |
| | | 246579 (6)-12 | 21-Feb-24 | Day time | 3 | 309 | | | | |
| 3 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.1 | 246579 (6)-13 | 21-Feb-24 | Day time | 1 | 407 | - | 400-500 | - | Pass |
| 4 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.2 | 246579 (6)-14 | 21-Feb-24 | Day time | 1 | 411 | - | 400-500 | - | Pass |
| 5 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.3 | 246579 (6)-15 | 21-Feb-24 | Day time | 1 | 412 | - | 400-500 | - | Pass |
| 6 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.4 | 246579 (6)-16 | 21-Feb-24 | Day time | 1 | 402 | - | 400-500 | - | Pass |
| 7 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.5 | 246579 (6)-17 | 21-Feb-24 | Day time | 1 | 401 | - | 400-500 | - | Pass |
| 8 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.6 | 246579 (6)-18 | 21-Feb-24 | Day time | 1 | 426 | - | 400-500 | - | Pass |
| 9 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.7 | 246579 (6)-19 | 21-Feb-24 | Day time | 1 | 431 | - | 400-500 | - | Pass |
| 10 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.8 | 246579 (6)-20 | 21-Feb-24 | Day time | 1 | 432 | - | 400-500 | - | Pass |

Technical Management

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Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 246579 (6)

Date Received : Feb 23, 2024
Date Reported : Feb 25, 2024
Report Number: 246579 (6)-1

Page 2 of 2

| Lay out No. | Location | Reference Number | Date | Time | No. | GNC Illuminance (Lux) | | Guideline Limit | | Comment |
|-------------|--|------------------|-----------|----------|-----|-----------------------|---------|-----------------|---------|---------|
| | | | | | | Spot | Average | Spot/Min | Average | |
| 11 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.9 | 246579 (6)-21 | 21-Feb-24 | Day time | 1 | 428 | - | 400-500 | - | Pass |
| 12 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.10 | 246579 (6)-22 | 21-Feb-24 | Day time | 1 | 476 | - | 400-500 | - | Pass |
| 13 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.11 | 246579 (6)-23 | 21-Feb-24 | Day time | 1 | 460 | - | 400-500 | - | Pass |
| 14 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.12 | 246579 (6)-24 | 21-Feb-24 | Day time | 1 | 487 | - | 400-500 | - | Pass |
| 15 | Spot : Warehouse and Workshop Building : 1st Floor : Photocopier | 246579 (6)-25 | 21-Feb-24 | Day time | 1 | 722 | - | 300-400 | - | Pass |
| 16 | Spot : Warehouse and Workshop Building : 1st Floor : Maintenance Manager Table | 246579 (6)-26 | 21-Feb-24 | Day time | 1 | 558 | - | 400-500 | - | Pass |
| 17 | Area : Warehouse and Workshop Building : 1st Floor : Meeting Room | 246579 (6)-27 | 21-Feb-24 | Day time | 1 | 629 | 614 | 150 | 300 | Pass |
| | | 246579 (6)-28 | 21-Feb-24 | Day time | 2 | 678 | | | | |
| | | 246579 (6)-29 | 21-Feb-24 | Day time | 3 | 590 | | | | |
| | | 246579 (6)-30 | 21-Feb-24 | Day time | 4 | 511 | | | | |
| | | 246579 (6)-31 | 21-Feb-24 | Day time | 5 | 607 | | | | |
| | | 246579 (6)-32 | 21-Feb-24 | Day time | 6 | 622 | | | | |
| | | 246579 (6)-33 | 21-Feb-24 | Day time | 7 | 631 | | | | |
| | | 246579 (6)-34 | 21-Feb-24 | Day time | 8 | 644 | | | | |

Measurement by : Chanon Booncheun

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot S.

Supot Salamteh
Section Head

Approved by

Wichan Choonharat

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 246579 (7)

Date Received : Feb 23, 2024
Date Reported : Feb 25, 2024
Report Number: 246579 (7)-1

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| GNC | | | | | | | | | | |
|-------------|---|------------------|-----------|----------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 1 | Area : Warehouse and Workshop Building : Ground Floor : Warehouse Room | 246579 (7)-1 | 21-Feb-24 | Day time | 1 | 404 | 920 | 100 | 200 | Pass |
| | | 246579 (7)-2 | 21-Feb-24 | Day time | 2 | 1,015 | | | | |
| | | 246579 (7)-3 | 21-Feb-24 | Day time | 3 | 867 | | | | |
| | | 246579 (7)-4 | 21-Feb-24 | Day time | 4 | 832 | | | | |
| | | 246579 (7)-5 | 21-Feb-24 | Day time | 5 | 1,092 | | | | |
| | | 246579 (7)-6 | 21-Feb-24 | Day time | 6 | 911 | | | | |
| | | 246579 (7)-7 | 21-Feb-24 | Day time | 7 | 490 | | | | |
| | | 246579 (7)-8 | 21-Feb-24 | Day time | 8 | 532 | | | | |
| | | 246579 (7)-9 | 21-Feb-24 | Day time | 9 | 926 | | | | |
| | | 246579 (7)-10 | 21-Feb-24 | Day time | 10 | 941 | | | | |
| | | 246579 (7)-11 | 21-Feb-24 | Day time | 11 | 1,142 | | | | |
| | | 246579 (7)-12 | 21-Feb-24 | Day time | 12 | 911 | | | | |
| | | 246579 (7)-13 | 21-Feb-24 | Day time | 13 | 1,121 | | | | |
| | | 246579 (7)-14 | 21-Feb-24 | Day time | 14 | 1,098 | | | | |
| | | 246579 (7)-15 | 21-Feb-24 | Day time | 15 | 1,122 | | | | |
| | | 246579 (7)-16 | 21-Feb-24 | Day time | 16 | 1,097 | | | | |
| | | 246579 (7)-17 | 21-Feb-24 | Day time | 17 | 989 | | | | |
| | | 246579 (7)-18 | 21-Feb-24 | Day time | 18 | 1,074 | | | | |
| 3 | Area : Warehouse and Workshop Building : Ground Floor : Electrical Room/Fitness Room | 246579 (7)-28 | 21-Feb-24 | Day time | 1 | 252 | 232 | 50 | 100 | Pass |
| | | 246579 (7)-29 | 21-Feb-24 | Day time | 2 | 311 | | | | |
| | | 246579 (7)-30 | 21-Feb-24 | Day time | 3 | 207 | | | | |
| | | 246579 (7)-31 | 21-Feb-24 | Day time | 4 | 205 | | | | |
| | | 246579 (7)-32 | 21-Feb-24 | Day time | 5 | 199 | | | | |
| | | 246579 (7)-33 | 21-Feb-24 | Day time | 6 | 217 | | | | |
| 4 | Spot : Warehouse and Workshop Building : Ground Floor : C&I Cabinet | 246579 (7)-34 | 21-Feb-24 | Day time | 1 | 416 | - | 400-500 | - | Pass |
| 5 | Spot : Warehouse and Workshop Building : Ground Floor : C&I Table | 246579 (7)-35 | 21-Feb-24 | Day time | 1 | 992 | - | 400-500 | - | Pass |
| 6 | Spot : Warehouse and Workshop Building : Ground Floor : Instrument and Control | 246579 (7)-36 | 21-Feb-24 | Day time | 1 | 648 | - | 400-500 | - | Pass |
| 7 | Spot : Warehouse and Workshop Building : Ground Floor : Mechanical and Electrical #1 | 246579 (7)-37 | 21-Feb-24 | Day time | 1 | 452 | - | 400-500 | - | Pass |

Technical Management

Supot Salamteh
Section Head

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Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 246579 (7)

Date Received : Feb 23, 2024
Date Reported : Feb 25, 2024
Report Number: 246579 (7)-1

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| GNC | | | | | | | | | | |
|-------------|--|------------------|-----------|----------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 8 | Spot : Warehouse and Workshop Building : Ground Floor : Mechanical and Electrical #2 | 246579 (7)-38 | 21-Feb-24 | Day time | 1 | 997 | - | 400-500 | - | Pass |
| 9 | Spot : Warehouse and Workshop Building : Ground Floor : Mechanical and Electrical #3 | 246579 (7)-39 | 21-Feb-24 | Day time | 1 | 840 | - | 400-500 | - | Pass |
| 10 | Spot : Warehouse and Workshop Building : Ground Floor : Mechanical and Electrical Workshop Room (Table No.3) | 246579 (7)-40 | 21-Feb-24 | Day time | 1 | 406 | - | 400-500 | - | Pass |

Measurement by : Chanon Booncheun

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Technical Management

Supot Salamteh
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418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 246579 (7)

Date Received : Feb 23, 2024
Date Reported : Feb 25, 2024
Report Number: 246579 (7)-2

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| GNC | | | | | | | | | | |
|-------------|--|------------------|-----------|----------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 2 | Area : Warehouse and Workshop Building : Ground Floor : Walkway | 246579 (7)-19 | 21-Feb-24 | Day time | 1 | 155 | 206 | 50 | 100 | Fail |
| | | 246579 (7)-20 | 21-Feb-24 | Day time | 2 | 1,138 | | | | |
| | | 246579 (7)-21 | 21-Feb-24 | Day time | 3 | 93 | | | | |
| | | 246579 (7)-22 | 21-Feb-24 | Day time | 4 | 102 | | | | |
| | | 246579 (7)-23 | 21-Feb-24 | Day time | 5 | 51 | | | | |
| | | 246579 (7)-24 | 21-Feb-24 | Day time | 6 | 42 | | | | |
| | | 246579 (7)-25 | 21-Feb-24 | Day time | 7 | 59 | | | | |
| | | 246579 (7)-26 | 21-Feb-24 | Day time | 8 | 101 | | | | |
| | | 246579 (7)-27 | 21-Feb-24 | Day time | 9 | 112 | | | | |

Measurement by : Chanon Booncheun

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 246579 (8)

Date Received : Feb 23, 2024
Date Reported : Feb 25, 2024
Report Number: 246579 (8)-1

Page 1 of 1

| Lay out No. | Location | Reference Number | Date | Time | No. | GNC Illuminance (Lux) | | Guideline Limit | | Comment |
|-------------|---|------------------|-----------|------------|-----|-----------------------|---------|-----------------|---------|---------|
| | | | | | | Spot | Average | Spot/Min | Average | |
| 1 | Spot : Water Treatment Control Building : Laboratory (หน้า Hood) | 246579 (8)-1 | 21-Feb-24 | Night time | 1 | 892 | - | 300-400 | - | Pass |
| 2 | Spot : Water Treatment Control Building : Laboratory (หน้า Spectrophotometer) | 246579 (8)-2 | 21-Feb-24 | Night time | 1 | 697 | - | 400-500 | - | Pass |
| 3 | Spot : Water Treatment Control Building : Laboratory (หน้าโต๊ะวัด pH) | 246579 (8)-3 | 21-Feb-24 | Night time | 1 | 437 | - | 400-500 | - | Pass |
| 4 | Area : Water Treatment Control Building : ทางเดินหน้าห้อง Laboratory | 246579 (8)-4 | 21-Feb-24 | Night time | 1 | 67 | 71 | 25 | 50 | Pass |
| | | 246579 (8)-5 | 21-Feb-24 | Night time | 2 | 77 | | | | |
| | | 246579 (8)-6 | 21-Feb-24 | Night time | 3 | 101 | | | | |
| | | 246579 (8)-7 | 21-Feb-24 | Night time | 4 | 63 | | | | |
| | | 246579 (8)-8 | 21-Feb-24 | Night time | 5 | 59 | | | | |
| | | 246579 (8)-9 | 21-Feb-24 | Night time | 6 | 77 | | | | |
| | | 246579 (8)-10 | 21-Feb-24 | Night time | 7 | 64 | | | | |
| | | 246579 (8)-11 | 21-Feb-24 | Night time | 8 | 63 | | | | |
| | | 246579 (8)-12 | 21-Feb-24 | Night time | 9 | 72 | | | | |

Measurement by : Chanon Booncheun

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 2443356 (1)

Date Received : Jun 09, 2024
Date Reported : Jun 14, 2024
Report Number: 2443356 (1)-1

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| GNC | | | | | | | | | | |
|-------------|--|------------------|------------|----------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 1 | Area : Administration Building : Canteen and Pantry Kitchen | 2443356 (1)-1 | 7-Jun-2024 | Day time | 1 | 550 | 493 | 150 | 300 | Pass |
| | | 2443356 (1)-2 | 7-Jun-2024 | Day time | 2 | 436 | | | | |
| 2 | Area : Administration Building : Women Toilets | 2443356 (1)-3 | 7-Jun-2024 | Day time | 1 | 503 | 487 | 50 | 100 | Pass |
| | | 2443356 (1)-4 | 7-Jun-2024 | Day time | 2 | 418 | | | | |
| | | 2443356 (1)-5 | 7-Jun-2024 | Day time | 3 | 426 | | | | |
| | | 2443356 (1)-6 | 7-Jun-2024 | Day time | 4 | 337 | | | | |
| | | 2443356 (1)-7 | 7-Jun-2024 | Day time | 5 | 629 | | | | |
| | | 2443356 (1)-8 | 7-Jun-2024 | Day time | 6 | 611 | | | | |
| 3 | Area : Administration Building : Men Toilets | 2443356 (1)-9 | 7-Jun-2024 | Day time | 1 | 414 | 358 | 50 | 100 | Pass |
| | | 2443356 (1)-10 | 7-Jun-2024 | Day time | 2 | 374 | | | | |
| | | 2443356 (1)-11 | 7-Jun-2024 | Day time | 3 | 322 | | | | |
| | | 2443356 (1)-12 | 7-Jun-2024 | Day time | 4 | 298 | | | | |
| | | 2443356 (1)-13 | 7-Jun-2024 | Day time | 5 | 331 | | | | |
| | | 2443356 (1)-14 | 7-Jun-2024 | Day time | 6 | 406 | | | | |
| 4 | Area : Administration Building : Walkway in Front of Reception | 2443356 (1)-15 | 7-Jun-2024 | Day time | 1 | 437 | 412 | 50 | 100 | Pass |
| | | 2443356 (1)-16 | 7-Jun-2024 | Day time | 2 | 386 | | | | |
| | | 2443356 (1)-17 | 7-Jun-2024 | Day time | 3 | 414 | | | | |
| 5 | Spot : Administration Building : Admin Office Table | 2443356 (1)-18 | 7-Jun-2024 | Day time | 1 | 414 | - | 400-500 | - | Pass |
| 6 | Spot : Administration Building : Purchasing Officer Table | 2443356 (1)-19 | 7-Jun-2024 | Day time | 1 | 973 | - | 400-500 | - | Pass |
| 7 | Spot : Administration Building : Admin Manager Table | 2443356 (1)-20 | 7-Jun-2024 | Day time | 1 | 423 | - | 400-500 | - | Pass |
| 8 | Spot : Administration Building : Photocopier | 2443356 (1)-21 | 7-Jun-2024 | Day time | 1 | 398 | - | 300-400 | - | Pass |
| 9 | Area : Administration Building : Master document Room | 2443356 (1)-22 | 7-Jun-2024 | Day time | 1 | 758 | 741 | 150 | 300 | Pass |
| | | 2443356 (1)-23 | 7-Jun-2024 | Day time | 2 | 668 | | | | |
| | | 2443356 (1)-24 | 7-Jun-2024 | Day time | 3 | 718 | | | | |
| | | 2443356 (1)-25 | 7-Jun-2024 | Day time | 4 | 772 | | | | |
| | | 2443356 (1)-26 | 7-Jun-2024 | Day time | 5 | 822 | | | | |
| | | 2443356 (1)-27 | 7-Jun-2024 | Day time | 6 | 709 | | | | |

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 2443356 (1)

Date Received : Jun 09, 2024
Date Reported : Jun 14, 2024
Report Number: 2443356 (1)-1

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| GNC | | | | | | | | | | |
|-------------|--|------------------|------------|----------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 10 | Area : Administration Building : Admin Walkway | 2443356 (1)-28 | 7-Jun-2024 | Day time | 1 | 1,024 | 1061 | 50 | 100 | Pass |
| | | 2443356 (1)-29 | 7-Jun-2024 | Day time | 2 | 1,127 | | | | |
| | | 2443356 (1)-30 | 7-Jun-2024 | Day time | 3 | 1,486 | | | | |
| | | 2443356 (1)-31 | 7-Jun-2024 | Day time | 4 | 961 | | | | |
| | | 2443356 (1)-32 | 7-Jun-2024 | Day time | 5 | 1,721 | | | | |
| | | 2443356 (1)-33 | 7-Jun-2024 | Day time | 6 | 445 | | | | |
| | | 2443356 (1)-34 | 7-Jun-2024 | Day time | 7 | 596 | | | | |
| | | 2443356 (1)-35 | 7-Jun-2024 | Day time | 8 | 1,177 | | | | |
| | | 2443356 (1)-36 | 7-Jun-2024 | Day time | 9 | 1,008 | | | | |
| 11 | Area : Administration Building : Meeting Room 2 | 2443356 (1)-37 | 7-Jun-2024 | Day time | 1 | 470 | 355 | 150 | 300 | Pass |
| | | 2443356 (1)-38 | 7-Jun-2024 | Day time | 2 | 301 | | | | |
| | | 2443356 (1)-39 | 7-Jun-2024 | Day time | 3 | 297 | | | | |
| | | 2443356 (1)-40 | 7-Jun-2024 | Day time | 4 | 316 | | | | |
| | | 2443356 (1)-41 | 7-Jun-2024 | Day time | 5 | 407 | | | | |
| | | 2443356 (1)-42 | 7-Jun-2024 | Day time | 6 | 338 | | | | |
| 12 | Spot : Administration Building : Plant Manager Table | 2443356 (1)-43 | 7-Jun-2024 | Day time | 1 | 550 | - | 400-500 | - | Pass |
| 13 | Spot : Administration Building : EHS Room Tabel 1 | 2443356 (1)-44 | 7-Jun-2024 | Day time | 1 | 421 | - | 400-500 | - | Pass |
| 14 | Area : Administration Building : Meeting Room 1 | 2443356 (1)-45 | 7-Jun-2024 | Day time | 1 | 279 | 388 | 150 | 300 | Pass |
| | | 2443356 (1)-46 | 7-Jun-2024 | Day time | 2 | 411 | | | | |
| | | 2443356 (1)-47 | 7-Jun-2024 | Day time | 3 | 451 | | | | |
| | | 2443356 (1)-48 | 7-Jun-2024 | Day time | 4 | 284 | | | | |
| | | 2443356 (1)-49 | 7-Jun-2024 | Day time | 5 | 456 | | | | |
| | | 2443356 (1)-50 | 7-Jun-2024 | Day time | 6 | 377 | | | | |
| | | 2443356 (1)-51 | 7-Jun-2024 | Day time | 7 | 369 | | | | |
| | | 2443356 (1)-52 | 7-Jun-2024 | Day time | 8 | 416 | | | | |
| | | 2443356 (1)-53 | 7-Jun-2024 | Day time | 9 | 337 | | | | |
| | | 2443356 (1)-54 | 7-Jun-2024 | Day time | 10 | 420 | | | | |
| | | 2443356 (1)-55 | 7-Jun-2024 | Day time | 11 | 461 | | | | |
| | | 2443356 (1)-56 | 7-Jun-2024 | Day time | 12 | 400 | | | | |

Measurement by : Amnat Wongsakhen

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 2443356 (2)

Date Received : Jun 09, 2024
Date Reported : Jun 14, 2024
Report Number: 2443356 (2)-1

Page 1 of 1

| GNC | | | | | | | | | | |
|-------------|---|------------------|------------|------------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 1 | Spot : Control Building : 1st Floor : MCC Room หน้าตู้ 1 | 2443356 (2)-1 | 7-Jun-2024 | Night time | 1 | 287 | - | 200-300 | - | Pass |
| 2 | Spot : Control Building : 1st Floor : MCC Room หน้าตู้ 2 | 2443356 (2)-2 | 7-Jun-2024 | Night time | 1 | 328 | - | 200-300 | - | Pass |
| 3 | Spot : Control Building : 1st Floor : MCC Room หน้าตู้ 3 | 2443356 (2)-3 | 7-Jun-2024 | Night time | 1 | 382 | - | 200-300 | - | Pass |
| 4 | Spot : Control Building : 1st Floor : MCC Room หน้าตู้ 4 | 2443356 (2)-4 | 7-Jun-2024 | Night time | 1 | 267 | - | 200-300 | - | Pass |
| 5 | Spot : Control Building : 1st Floor : MCC Room หน้าตู้ 5 | 2443356 (2)-5 | 7-Jun-2024 | Night time | 1 | 311 | - | 200-300 | - | Pass |
| 6 | Spot : Control Building : 1st Floor : Switchgear and Electrical : Room No.1 | 2443356 (2)-6 | 7-Jun-2024 | Day time | 1 | 307 | - | 200-300 | - | Pass |
| 7 | Spot : Control Building : 1st Floor : Switchgear and Electrical : Room No.2 | 2443356 (2)-7 | 7-Jun-2024 | Day time | 1 | 322 | - | 200-300 | - | Pass |
| 8 | Spot : Control Building : 1st Floor : Switchgear and Electrical : Room No.3 | 2443356 (2)-8 | 7-Jun-2024 | Day time | 1 | 321 | - | 200-300 | - | Pass |
| 9 | Spot : Control Building : 1st Floor : Switchgear and Electrical : Room No.4 | 2443356 (2)-9 | 7-Jun-2024 | Day time | 1 | 287 | - | 200-300 | - | Pass |
| 10 | Spot : Control Building : 1st Floor : Switchgear and Electrical : Room No.5 | 2443356 (2)-10 | 7-Jun-2024 | Day time | 1 | 273 | - | 200-300 | - | Pass |
| 11 | Spot : Control Building : 1st Floor : Switchgear and Electrical : Room No.6 | 2443356 (2)-11 | 7-Jun-2024 | Day time | 1 | 309 | - | 200-300 | - | Pass |
| 12 | Area : Control Building : 1st Floor : Stairs | 2443356 (2)-12 | 7-Jun-2024 | Night time | 1 | 891 | 434 | 50 | 100 | Pass |
| | | 2443356 (2)-13 | 7-Jun-2024 | Night time | 2 | 144 | | | | |
| | | 2443356 (2)-14 | 7-Jun-2024 | Night time | 3 | 267 | | | | |

Measurement by : Amnat Wongsakhen

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
Section Head

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Assistant Manager

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P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 2443356 (3)

Date Received : Jun 09, 2024
Date Reported : Jun 14, 2024
Report Number: 2443356 (3)-1

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| GNC | | | | | | | | | | |
|-------------|---|------------------|------------|------------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 2 | Area : Control Building : 1st Floor : Walkway | 2443356 (3)-1 | 7-Jun-2024 | Night time | 1 | 211 | 240 | 50 | 100 | Pass |
| | | 2443356 (3)-2 | 7-Jun-2024 | Night time | 2 | 199 | | | | |
| | | 2443356 (3)-3 | 7-Jun-2024 | Night time | 3 | 267 | | | | |
| | | 2443356 (3)-4 | 7-Jun-2024 | Night time | 4 | 302 | | | | |
| | | 2443356 (3)-5 | 7-Jun-2024 | Night time | 5 | 192 | | | | |
| | | 2443356 (3)-6 | 7-Jun-2024 | Night time | 6 | 266 | | | | |

Measurement by : Amnat Wongsakhen

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 2443356 (4)

Date Received : Jun 09, 2024
Date Reported : Jun 14, 2024
Report Number: 2443356 (4)-1

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| GNC | | | | | | | | | | | | |
|----------------|---|------------------|---|----------------|------------|-------------------|---------|-----------------|---------|---------|-----|------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment | | |
| | | | | | | Spot | Average | Spot/Min | Average | | | |
| 1 | Area : Control Building : 2nd Floor : Stairs | 2443356 (4)-1 | 7-Jun-2024 | Night time | 1 | 311 | 225 | 50 | 100 | Pass | | |
| | | 2443356 (4)-2 | 7-Jun-2024 | Night time | 2 | 103 | | | | | | |
| | | 2443356 (4)-3 | 7-Jun-2024 | Night time | 3 | 261 | | | | | | |
| 2 | Area : Control Building : 2nd Floor : Walkway | 2443356 (4)-4 | 7-Jun-2024 | Day time | 1 | 393 | 322 | 50 | 100 | Pass | | |
| | | 2443356 (4)-5 | 7-Jun-2024 | Day time | 2 | 372 | | | | | | |
| | | 2443356 (4)-6 | 7-Jun-2024 | Day time | 3 | 350 | | | | | | |
| | | 2443356 (4)-7 | 7-Jun-2024 | Day time | 4 | 366 | | | | | | |
| | | 2443356 (4)-8 | 7-Jun-2024 | Day time | 5 | 224 | | | | | | |
| | | 2443356 (4)-9 | 7-Jun-2024 | Day time | 6 | 317 | | | | | | |
| | | 2443356 (4)-10 | 7-Jun-2024 | Day time | 7 | 269 | | | | | | |
| | | 2443356 (4)-11 | 7-Jun-2024 | Day time | 8 | 297 | | | | | | |
| | | 2443356 (4)-12 | 7-Jun-2024 | Day time | 9 | 310 | | | | | | |
| | | 2443356 (4)-13 | 7-Jun-2024 | Night time | 1 | 274 | 288 | 50 | 100 | Pass | | |
| | | 2443356 (4)-14 | 7-Jun-2024 | Night time | 2 | 301 | | | | | | |
| | | 2443356 (4)-15 | 7-Jun-2024 | Night time | 3 | 311 | | | | | | |
| | | 2443356 (4)-16 | 7-Jun-2024 | Night time | 4 | 226 | | | | | | |
| | | 2443356 (4)-17 | 7-Jun-2024 | Night time | 5 | 317 | | | | | | |
| | | 2443356 (4)-18 | 7-Jun-2024 | Night time | 6 | 344 | | | | | | |
| | | 2443356 (4)-19 | 7-Jun-2024 | Night time | 7 | 267 | | | | | | |
| | | 2443356 (4)-20 | 7-Jun-2024 | Night time | 8 | 233 | | | | | | |
| | | 2443356 (4)-21 | 7-Jun-2024 | Night time | 9 | 320 | | | | | | |
| | | 3 | Area : Control Building : 2nd Floor : Men Toilets | 2443356 (4)-22 | 7-Jun-2024 | Day time | 1 | 458 | 419 | 50 | 100 | Pass |
| | | | | 2443356 (4)-23 | 7-Jun-2024 | Day time | 2 | 459 | | | | |
| | | | | 2443356 (4)-24 | 7-Jun-2024 | Day time | 3 | 307 | | | | |
| 2443356 (4)-25 | 7-Jun-2024 | | | Day time | 4 | 428 | | | | | | |
| 2443356 (4)-26 | 7-Jun-2024 | | | Day time | 5 | 485 | | | | | | |
| 2443356 (4)-27 | 7-Jun-2024 | | | Day time | 6 | 376 | | | | | | |
| 4 | Area : Control Building : 2nd Floor : Women Toilets | 2443356 (4)-28 | 7-Jun-2024 | Day time | 1 | 289 | 290 | 50 | 100 | Pass | | |
| | | 2443356 (4)-29 | 7-Jun-2024 | Day time | 2 | 301 | | | | | | |
| | | 2443356 (4)-30 | 7-Jun-2024 | Day time | 3 | 279 | | | | | | |
| 5 | Area : Control Building : 2nd Floor : Canteen and Pantry Room | 2443356 (4)-31 | 7-Jun-2024 | Day time | 1 | 625 | 695 | 150 | 300 | Pass | | |
| | | 2443356 (4)-32 | 7-Jun-2024 | Day time | 2 | 663 | | | | | | |
| | | 2443356 (4)-33 | 7-Jun-2024 | Day time | 3 | 796 | | | | | | |
| 6 | Spot : Control Building : 2nd Floor : Operation Manager Table | 2443356 (4)-34 | 7-Jun-2024 | Day time | 1 | 928 | - | 400-500 | - | Pass | | |
| | | 2443356 (4)-35 | 7-Jun-2024 | Night time | 1 | 535 | - | 400-500 | - | Pass | | |

Technical Management

Supot Salamteh
Section Head

Approved by

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Assistant Manager

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Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 2443356 (4)

Date Received : Jun 09, 2024
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Report Number: 2443356 (4)-1

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| GNC | | | | | | | | | | |
|-------------|--|------------------|------------|------------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 7 | Spot : Control Building : 2nd Floor : Control Room Desk 1 | 2443356 (4)-36 | 7-Jun-2024 | Night time | 1 | 450 | - | 400-500 | - | Pass |
| 8 | Spot : Control Building : 2nd Floor : Control Room Desk 2 | 2443356 (4)-37 | 7-Jun-2024 | Night time | 1 | 447 | - | 400-500 | - | Pass |
| 9 | Spot : Control Building : 2nd Floor : Control Room Desk 3 | 2443356 (4)-38 | 7-Jun-2024 | Night time | 1 | 451 | - | 400-500 | - | Pass |
| 10 | Spot : Control Building : 2nd Floor : Control Room Desk 4 | 2443356 (4)-39 | 7-Jun-2024 | Night time | 1 | 469 | - | 400-500 | - | Pass |
| 11 | Spot : Control Building : 2nd Floor : Control Room Desk 5 | 2443356 (4)-40 | 7-Jun-2024 | Night time | 1 | 477 | - | 400-500 | - | Pass |
| 12 | Spot : Control Building : 2nd Floor : DSC Room Desk 1 | 2443356 (4)-41 | 7-Jun-2024 | Day time | 1 | 477 | - | 400-500 | - | Pass |
| | | 2443356 (4)-42 | 7-Jun-2024 | Night time | 1 | 406 | - | 400-500 | - | Pass |
| 13 | Spot : Control Building : 2nd Floor : Photocopier | 2443356 (4)-43 | 7-Jun-2024 | Day time | 1 | 324 | - | 300-400 | - | Pass |
| 14 | Spot : Control Building : 2nd Floor : Fax and Copy | 2443356 (4)-44 | 7-Jun-2024 | Day time | 1 | 319 | - | 300-400 | - | Pass |
| 15 | Spot : Control Building : 2nd Floor : Computer No.1 | 2443356 (4)-45 | 7-Jun-2024 | Day time | 1 | 432 | - | 400-500 | - | Pass |
| 16 | Spot : Control Building : 2nd Floor : Computer No.2 | 2443356 (4)-46 | 7-Jun-2024 | Day time | 1 | 449 | - | 400-500 | - | Pass |
| 17 | Spot : Control Building : 2nd Floor : โต๊ะทำงาน Operation Office 1 | 2443356 (4)-47 | 7-Jun-2024 | Night time | 1 | 446 | - | 400-500 | - | Pass |
| 18 | Spot : Control Building : 2nd Floor : โต๊ะทำงาน Operation Office 2 | 2443356 (4)-48 | 7-Jun-2024 | Night time | 1 | 409 | - | 400-500 | - | Pass |
| 19 | Spot : Control Building : 2nd Floor : CCTV Room Table | 2443356 (4)-49 | 7-Jun-2024 | Day time | 1 | 409 | - | 400-500 | - | Pass |
| 20 | Spot : Control Building : 2nd Floor : Control (Table No.1) | 2443356 (4)-50 | 7-Jun-2024 | Day time | 1 | 422 | - | 400-500 | - | Pass |
| 21 | Spot : Control Building : 2nd Floor : Control (Table No.2) | 2443356 (4)-51 | 7-Jun-2024 | Day time | 1 | 432 | - | 400-500 | - | Pass |
| 22 | Spot : Control Building : 2nd Floor : Computer Control No.1 | 2443356 (4)-52 | 7-Jun-2024 | Day time | 1 | 419 | - | 400-500 | - | Pass |
| 23 | Spot : Control Building : 2nd Floor : Computer Control No.2 | 2443356 (4)-53 | 7-Jun-2024 | Day time | 1 | 411 | - | 400-500 | - | Pass |

Technical Management

Supot Salamteh
Section Head

Approved by

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Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 2443356 (4)

Date Received : Jun 09, 2024
Date Reported : Jun 14, 2024
Report Number: 2443356 (4)-1

Page 3 of 3

| Lay out No. | Location | Reference Number | Date | Time | No. | GNC Illuminance (Lux) | | Guideline Limit | | Comment |
|-------------|--|------------------|------------|------------|-----|-----------------------|---------|-----------------|---------|---------|
| | | | | | | Spot | Average | Spot/Min | Average | |
| 24 | Spot : Control Building : 2nd Floor : Computer Control No.3 | 2443356 (4)-54 | 7-Jun-2024 | Day time | 1 | 407 | - | 400-500 | - | Pass |
| 25 | Spot : Control Building : 2nd Floor : Computer Control No.4 | 2443356 (4)-55 | 7-Jun-2024 | Day time | 1 | 422 | - | 400-500 | - | Pass |
| 26 | Spot : Control Building : 2nd Floor : Computer Control No.5 | 2443356 (4)-56 | 7-Jun-2024 | Day time | 1 | 412 | - | 400-500 | - | Pass |
| 27 | Spot : Control Building : 2nd Floor : Computer Control No.6 | 2443356 (4)-57 | 7-Jun-2024 | Day time | 1 | 420 | - | 400-500 | - | Pass |
| 28 | Spot : Control Building : 2nd Floor : Computer Control No.7 | 2443356 (4)-58 | 7-Jun-2024 | Day time | 1 | 409 | - | 400-500 | - | Pass |
| 29 | Spot : Control Building : 2nd Floor : ตู้ควบคุม 3 (10MKA10GH001 Generator Control Panel) | 2443356 (4)-59 | 7-Jun-2024 | Night time | 1 | 370 | - | 200-300 | - | Pass |
| 30 | Area : Control Building : 2nd Floor : ทางเดินภายในห้อง #1 | 2443356 (4)-60 | 7-Jun-2024 | Night time | 1 | 199 | 214 | 50 | 100 | Pass |
| | | 2443356 (4)-61 | 7-Jun-2024 | Night time | 2 | 230 | | | | |
| 31 | Area : Control Building : 2nd Floor : ทางเดินภายในห้อง #2 | 2443356 (4)-62 | 7-Jun-2024 | Night time | 1 | 211 | 254 | 50 | 100 | Pass |
| | | 2443356 (4)-63 | 7-Jun-2024 | Night time | 2 | 296 | | | | |

Measurement by : Amnat Wongsakhen

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 2443356 (5)

Date Received : Jun 09, 2024
Date Reported : Jun 14, 2024
Report Number: 2443356 (5)-1

Page 1 of 1

| Lay out No. | Location | Reference Number | Date | Time | No. | GNC Illuminance (Lux) | | Guideline Limit | | Comment |
|-------------|--|------------------|------------|----------|-----|-----------------------|---------|-----------------|---------|---------|
| | | | | | | Spot | Average | Spot/Min | Average | |
| 1 | Spot : Terminal & Switchyard Control Building : Terminal Control Room No.1 | 2443356 (5)-1 | 7-Jun-2024 | Day time | 1 | 671 | - | 200-300 | - | Pass |
| 2 | Spot : Terminal & Switchyard Control Building : Terminal Control Room No.2 | 2443356 (5)-2 | 7-Jun-2024 | Day time | 1 | 451 | - | 200-300 | - | Pass |
| 3 | Spot : Terminal & Switchyard Control Building : Battery Room No.1 | 2443356 (5)-3 | 7-Jun-2024 | Day time | 1 | 269 | - | 200-300 | - | Pass |
| 4 | Spot : Terminal & Switchyard Control Building : Switchgear Room No.1 | 2443356 (5)-4 | 7-Jun-2024 | Day time | 1 | 629 | - | 200-300 | - | Pass |
| 5 | Spot : Terminal & Switchyard Control Building : Switchgear Room No.2 | 2443356 (5)-5 | 7-Jun-2024 | Day time | 1 | 577 | - | 200-300 | - | Pass |
| 6 | Spot : Terminal & Switchyard Control Building : Switchyard Control Room No.1 | 2443356 (5)-6 | 7-Jun-2024 | Day time | 1 | 654 | - | 200-300 | - | Pass |
| 7 | Spot : Terminal & Switchyard Control Building : Switchyard Control Room No.2 | 2443356 (5)-7 | 7-Jun-2024 | Day time | 1 | 694 | - | 200-300 | - | Pass |
| 8 | Spot : Terminal & Switchyard Control Building : Battery Room No.2 | 2443356 (5)-8 | 7-Jun-2024 | Day time | 1 | 207 | - | 200-300 | - | Pass |

Measurement by : Amnat Wongsakhen

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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Section Head

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 2443356 (6)

Date Received : Jun 09, 2024
Date Reported : Jun 14, 2024
Report Number: 2443356 (6)-1

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| GNC | | | | | | | | | | |
|-------------|---|------------------|------------|----------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 1 | Area : Warehouse and Workshop Building : 1st Floor : Reception Room | 2443356 (6)-1 | 7-Jun-2024 | Day time | 1 | 455 | 483 | 50 | 100 | Pass |
| | | 2443356 (6)-2 | 7-Jun-2024 | Day time | 2 | 281 | | | | |
| | | 2443356 (6)-3 | 7-Jun-2024 | Day time | 3 | 481 | | | | |
| | | 2443356 (6)-4 | 7-Jun-2024 | Day time | 4 | 356 | | | | |
| | | 2443356 (6)-5 | 7-Jun-2024 | Day time | 5 | 427 | | | | |
| | | 2443356 (6)-6 | 7-Jun-2024 | Day time | 6 | 772 | | | | |
| | | 2443356 (6)-7 | 7-Jun-2024 | Day time | 7 | 613 | | | | |
| | | 2443356 (6)-8 | 7-Jun-2024 | Day time | 8 | 427 | | | | |
| | | 2443356 (6)-9 | 7-Jun-2024 | Day time | 9 | 534 | | | | |
| 2 | Area : Warehouse and Workshop Building : 1st Floor : Warehouse Canteen and Pantry | 2443356 (6)-10 | 7-Jun-2024 | Day time | 1 | 692 | 462 | 150 | 300 | Pass |
| | | 2443356 (6)-11 | 7-Jun-2024 | Day time | 2 | 216 | | | | |
| | | 2443356 (6)-12 | 7-Jun-2024 | Day time | 3 | 477 | | | | |
| 3 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.1 | 2443356 (6)-13 | 7-Jun-2024 | Day time | 1 | 408 | - | 400-500 | - | Pass |
| 4 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.2 | 2443356 (6)-14 | 7-Jun-2024 | Day time | 1 | 406 | - | 400-500 | - | Pass |
| 5 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.3 | 2443356 (6)-15 | 7-Jun-2024 | Day time | 1 | 419 | - | 400-500 | - | Pass |
| 6 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.4 | 2443356 (6)-16 | 7-Jun-2024 | Day time | 1 | 401 | - | 400-500 | - | Pass |
| 7 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.5 | 2443356 (6)-17 | 7-Jun-2024 | Day time | 1 | 411 | - | 400-500 | - | Pass |
| 8 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.6 | 2443356 (6)-18 | 7-Jun-2024 | Day time | 1 | 473 | - | 400-500 | - | Pass |
| 9 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.7 | 2443356 (6)-19 | 7-Jun-2024 | Day time | 1 | 419 | - | 400-500 | - | Pass |
| 10 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.8 | 2443356 (6)-20 | 7-Jun-2024 | Day time | 1 | 425 | - | 400-500 | - | Pass |

Technical Management

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 2443356 (6)

Date Received : Jun 09, 2024
Date Reported : Jun 14, 2024
Report Number: 2443356 (6)-1

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| GNC | | | | | | | | | | |
|-------------|--|------------------|------------|----------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 11 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.9 | 2443356 (6)-21 | 7-Jun-2024 | Day time | 1 | 442 | - | 400-500 | - | Pass |
| 12 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.10 | 2443356 (6)-22 | 7-Jun-2024 | Day time | 1 | 419 | - | 400-500 | - | Pass |
| 13 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.11 | 2443356 (6)-23 | 7-Jun-2024 | Day time | 1 | 521 | - | 400-500 | - | Pass |
| 14 | Spot : Warehouse and Workshop Building : 1st Floor : Warehouse Officer Table No.12 | 2443356 (6)-24 | 7-Jun-2024 | Day time | 1 | 466 | - | 400-500 | - | Pass |
| 15 | Spot : Warehouse and Workshop Building : 1st Floor : Photocopier | 2443356 (6)-25 | 7-Jun-2024 | Day time | 1 | 738 | - | 300-400 | - | Pass |
| 16 | Spot : Warehouse and Workshop Building : 1st Floor : Maintenance Manager Table | 2443356 (6)-26 | 7-Jun-2024 | Day time | 1 | 494 | - | 400-500 | - | Pass |
| 17 | Area : Warehouse and Workshop Building : 1st Floor : Meeting Room | 2443356 (6)-27 | 7-Jun-2024 | Day time | 1 | 433 | 439 | 150 | 300 | Pass |
| | | 2443356 (6)-28 | 7-Jun-2024 | Day time | 2 | 411 | | | | |
| | | 2443356 (6)-29 | 7-Jun-2024 | Day time | 3 | 469 | | | | |
| | | 2443356 (6)-30 | 7-Jun-2024 | Day time | 4 | 398 | | | | |
| | | 2443356 (6)-31 | 7-Jun-2024 | Day time | 5 | 476 | | | | |
| | | 2443356 (6)-32 | 7-Jun-2024 | Day time | 6 | 503 | | | | |
| | | 2443356 (6)-33 | 7-Jun-2024 | Day time | 7 | 404 | | | | |
| | | 2443356 (6)-34 | 7-Jun-2024 | Day time | 8 | 416 | | | | |

Measurement by : Amnat Wongsakhen

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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Analysis / Test Report

Client : Gulf NC Co., Ltd.
418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 2443356 (7)

Date Received : Jun 09, 2024
Date Reported : Jun 14, 2024
Report Number: 2443356 (7)-1

Page 1 of 2

| GNC | | | | | | | | | | |
|-------------|---|------------------|------------|----------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 1 | Area : Warehouse and Workshop Building : Ground Floor : Warehouse Room | 2443356 (7)-1 | 7-Jun-2024 | Day time | 1 | 4,505 | 1179 | 100 | 200 | Pass |
| | | 2443356 (7)-2 | 7-Jun-2024 | Day time | 2 | 534 | | | | |
| | | 2443356 (7)-3 | 7-Jun-2024 | Day time | 3 | 1,210 | | | | |
| | | 2443356 (7)-4 | 7-Jun-2024 | Day time | 4 | 928 | | | | |
| | | 2443356 (7)-5 | 7-Jun-2024 | Day time | 5 | 582 | | | | |
| | | 2443356 (7)-6 | 7-Jun-2024 | Day time | 6 | 497 | | | | |
| | | 2443356 (7)-7 | 7-Jun-2024 | Day time | 7 | 3,836 | | | | |
| | | 2443356 (7)-8 | 7-Jun-2024 | Day time | 8 | 3,460 | | | | |
| | | 2443356 (7)-9 | 7-Jun-2024 | Day time | 9 | 522 | | | | |
| | | 2443356 (7)-10 | 7-Jun-2024 | Day time | 10 | 571 | | | | |
| | | 2443356 (7)-11 | 7-Jun-2024 | Day time | 11 | 389 | | | | |
| | | 2443356 (7)-12 | 7-Jun-2024 | Day time | 12 | 397 | | | | |
| | | 2443356 (7)-13 | 7-Jun-2024 | Day time | 13 | 866 | | | | |
| | | 2443356 (7)-14 | 7-Jun-2024 | Day time | 14 | 678 | | | | |
| | | 2443356 (7)-15 | 7-Jun-2024 | Day time | 15 | 472 | | | | |
| | | 2443356 (7)-16 | 7-Jun-2024 | Day time | 16 | 430 | | | | |
| | | 2443356 (7)-17 | 7-Jun-2024 | Day time | 17 | 710 | | | | |
| | | 2443356 (7)-18 | 7-Jun-2024 | Day time | 18 | 634 | | | | |
| 2 | Area : Warehouse and Workshop Building : Ground Floor : Walkway | 2443356 (7)-19 | 7-Jun-2024 | Day time | 1 | 871 | 322 | 50 | 100 | Pass |
| | | 2443356 (7)-20 | 7-Jun-2024 | Day time | 2 | 211 | | | | |
| | | 2443356 (7)-21 | 7-Jun-2024 | Day time | 3 | 302 | | | | |
| | | 2443356 (7)-22 | 7-Jun-2024 | Day time | 4 | 59 | | | | |
| | | 2443356 (7)-23 | 7-Jun-2024 | Day time | 5 | 354 | | | | |
| | | 2443356 (7)-24 | 7-Jun-2024 | Day time | 6 | 311 | | | | |
| | | 2443356 (7)-25 | 7-Jun-2024 | Day time | 7 | 109 | | | | |
| | | 2443356 (7)-26 | 7-Jun-2024 | Day time | 8 | 411 | | | | |
| | | 2443356 (7)-27 | 7-Jun-2024 | Day time | 9 | 267 | | | | |
| 3 | Area : Warehouse and Workshop Building : Ground Floor : Electrical Room/Fitness Room | 2443356 (7)-28 | 7-Jun-2024 | Day time | 1 | 321 | 317 | 50 | 100 | Pass |
| | | 2443356 (7)-29 | 7-Jun-2024 | Day time | 2 | 328 | | | | |
| | | 2443356 (7)-30 | 7-Jun-2024 | Day time | 3 | 342 | | | | |
| | | 2443356 (7)-31 | 7-Jun-2024 | Day time | 4 | 304 | | | | |
| | | 2443356 (7)-32 | 7-Jun-2024 | Day time | 5 | 307 | | | | |
| | | 2443356 (7)-33 | 7-Jun-2024 | Day time | 6 | 298 | | | | |
| 4 | Spot : Warehouse and Workshop Building : Ground Floor : C&I Cabinet | 2443356 (7)-34 | 7-Jun-2024 | Day time | 1 | 1,554 | - | 400-500 | - | Pass |
| | | 2443356 (7)-35 | 7-Jun-2024 | Day time | 2 | 1,765 | - | 300 | - | |
| | | 2443356 (7)-36 | 7-Jun-2024 | Day time | 3 | 1,301 | - | 200 | - | |

Technical Management

Supot Salamteh
Section Head

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Assistant Manager

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Analysis / Test Report

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418 Moo 1, Nontree, Kabin Buri, Prachinburi Thailand 25110

P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 2443356 (7)

Date Received : Jun 09, 2024
Date Reported : Jun 14, 2024
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| Lay out No. | Location | Reference Number | Date | Time | No. | GNC Illuminance (Lux) | | Guideline Limit | | Comment |
|-------------|--|------------------|------------|----------|-----|-----------------------|---------|-----------------|---------|---------|
| | | | | | | Spot | Average | Spot/Min | Average | |
| 5 | Spot : Warehouse and Workshop Building : Ground Floor : C&I Table | 2443356 (7)-37 | 7-Jun-2024 | Day time | 1 | 528 | - | 400-500 | - | Pass |
| 6 | Spot : Warehouse and Workshop Building : Ground Floor : Instrument and Control | 2443356 (7)-38 | 7-Jun-2024 | Day time | 1 | 436 | - | 400-500 | - | Pass |
| 7 | Spot : Warehouse and Workshop Building : Ground Floor : Mechanical and Electrical #1 | 2443356 (7)-39 | 7-Jun-2024 | Day time | 1 | 598 | - | 400-500 | - | Pass |
| 8 | Spot : Warehouse and Workshop Building : Ground Floor : Mechanical and Electrical #2 | 2443356 (7)-40 | 7-Jun-2024 | Day time | 1 | 506 | - | 400-500 | - | Pass |
| 9 | Spot : Warehouse and Workshop Building : Ground Floor : Mechanical and Electrical #3 | 2443356 (7)-41 | 7-Jun-2024 | Day time | 1 | 571 | - | 400-500 | - | Pass |
| 10 | Spot : Warehouse and Workshop Building : Ground Floor : Mechanical and Electrical Workshop Room (Table No.3) | 2443356 (7)-42 | 7-Jun-2024 | Day time | 1 | 418 | - | 400-500 | - | Pass |

Measurement by : Amnat Wongsakhen

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P/O :
Project Name : Monitoring EIA
Project Location: GNC

Lot ID: 2443356 (8)

Date Received : Jun 09, 2024
Date Reported : Jun 14, 2024
Report Number: 2443356 (8)-1

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| GNC | | | | | | | | | | |
|-------------|---|------------------|------------|------------|-----|-------------------|---------|-----------------|---------|---------|
| Lay out No. | Location | Reference Number | Date | Time | No. | Illuminance (Lux) | | Guideline Limit | | Comment |
| | | | | | | Spot | Average | Spot/Min | Average | |
| 1 | Spot : Water Treatment Control Building : Laboratory (หน้า Hood) | 2443356 (8)-1 | 7-Jun-2024 | Night time | 1 | 538 | - | 300-400 | - | Pass |
| 2 | Spot : Water Treatment Control Building : Laboratory (หน้า Spectrophotometer) | 2443356 (8)-2 | 7-Jun-2024 | Night time | 1 | 699 | - | 400-500 | - | Pass |
| 3 | Spot : Water Treatment Control Building : Laboratory (หน้าโต๊ะวัด pH) | 2443356 (8)-3 | 7-Jun-2024 | Night time | 1 | 512 | - | 400-500 | - | Pass |
| 4 | Area : Water Treatment Control Building : ทางเดินหน้าห้อง Laboratory | 2443356 (8)-4 | 7-Jun-2024 | Night time | 1 | 72 | 94 | 25 | 50 | Pass |
| | | 2443356 (8)-5 | 7-Jun-2024 | Night time | 2 | 103 | | | | |
| | | 2443356 (8)-6 | 7-Jun-2024 | Night time | 3 | 79 | | | | |
| | | 2443356 (8)-7 | 7-Jun-2024 | Night time | 4 | 83 | | | | |
| | | 2443356 (8)-8 | 7-Jun-2024 | Night time | 5 | 92 | | | | |
| | | 2443356 (8)-9 | 7-Jun-2024 | Night time | 6 | 112 | | | | |
| | | 2443356 (8)-10 | 7-Jun-2024 | Night time | 7 | 126 | | | | |
| | | 2443356 (8)-11 | 7-Jun-2024 | Night time | 8 | 77 | | | | |
| | | 2443356 (8)-12 | 7-Jun-2024 | Night time | 9 | 103 | | | | |

Measurement by : Amnat Wongsakhen

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