

## CONSULTIN SERVICE REPORT

|  |   |                         |
|--|---|-------------------------|
| <b>CUSTOMER: EFS FACILITIES SERVICES – HEALTHPOINT HOSPITAL, ABU DHABI</b> | <b>To: Mr. ANJANEYAMOORTH<br/>JR. OPERATION MANAGER</b> | <b>DATE: 16-01-2020</b> |
| <b>CUSTOMER ID: 4003</b>   | <b>Copy: EFS FACILITIES SERVICES - HEALTHPOINT</b>      |                         |

### CHILLED WATER ANALYSIS

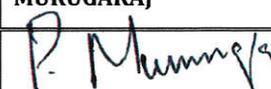
| PARAMETER                              | CONTROL LIMITS | CHILLER SAMPLE |  |  |  |
|--|----------------|----------------|--|--|--|
| pH                                     | 8.5 – 10.5     | 9.08           |  |  |  |
| Conductivity, $\mu\text{s}/\text{cm}$  | Max 3500       | 781            |  |  |  |
| TDS, ppm                               | --             | 507            |  |  |  |
| 'P' Alkalinity, ppm as $\text{CaCO}_3$ | --             |                |  |  |  |
| Total Hardness, ppm as $\text{CaCO}_3$ | --             |                |  |  |  |
| Calcium Hardness, ppm as               | --             |                |  |  |  |
| Chloride, ppm as Cl <sup>-</sup>       | --             |                |  |  |  |
| Iron, ppm as Fe                        | 0 – 2.0        | 0.54           |  |  |  |

#### Treatment Residuals

|                              |                  |     |  |  |  |
|------------------------------|------------------|-----|--|--|--|
| Nitrite, ppm                 | >800             | 190 |  |  |  |
| CaH Balance                  |                  |     |  |  |  |
| Dip slide                    | <10 <sup>3</sup> | ND  |  |  |  |
| Phosphate/Phosphonate        |                  |     |  |  |  |
| Free Residual Chlorine as Cl | --               |     |  |  |  |
| Cynauric Acid                |                  |     |  |  |  |

*All test results expressed in parts per million (ppm) as  $\text{CaCO}_3$  except pH and conductivity ( $\mu\text{mhos}$ ).*

| COMMENTS:  | ACTION:                                   |
|--|---|
| The pH and Conductivity/TDS are found satisfactory. ⇨  | No action recommended.                    |
| Dissolved iron levels are within the control limits. ⇨ | No action recommended.                    |
| Corrosion Inhibitor levels are very low ⇨              | Please maintain the desired control limit |
| Bacteria count found satisfactory. ⇨                   | No action recommended.                    |

| INVENTORY LEVELS  |   |          | DOSAGE SCHEDULE |                            |
|-------------------|---|----------|-----------------|----------------------------|
| Chemical          | Quantity  | Chemical | Present Dosage  | Revised Dosage             |
| Crystal 5547C     |   |          | --              |                            |
| Crystal 9040      |   |          | --              |                            |
|                   |   |          | --              |                            |
| Service Engineer: | <b>MURUGARAJ</b>  |          | Client:         | <b>Mr. ANJANEYA MOORTH</b> |
| Signature :       |  |          | Signature:      |                            |

