|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| WhatsApp Image 2024-09-19 at 11 | **DCS ENGINEERS & CONSULTANT Pvt. Ltd.**  **(Formerly known as DC Consultant)**  Mobile : +91-7018819894, +91-9816755805, e-mail : [officialdcspvtltd@gmail.com](mailto:officialdcspvtltd@gmail.com)  **Regd. Office : VPO Taragarh (Rani Di K) Near Taragarh Palace Tehsil Baijnath District Kangra Himachal Pradesh (176081)** | | | | | |
| **MDD/OMC** | **ANALYSIS DATA SHEET QSF-1001** | | | | | |
| Job Card No: | | | | Test: | | |
| Sample Description: | | | | Method: | | |
| DOR: | | DOS: | | DOC: | | Page No: |
| Sample Qty: | | | Residual Sample: | | Sample Retention: | |

|  |
| --- |
|  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MAX.DRY DENSITY- MOISTURE CONTENT RELATION** | | | | | | | | | | | |
| **(As per IS : 2720, Part - 8)** | | | | | | | | | | | |
| **DRY DENSITY DETERMINATION** | | | | | | | | | | | |
| **Sr. No.** | **Determination No.** | | | | **Unit** | **1** | **2** | **3** | **4** | **5** | **6** |
| 1 | Wt. of Mould | | | | gms. |  |  |  |  |  |  |
| 2 | Wt. of Mould + Compacted Soil | | | | gms. |  |  |  |  |  |  |
| 3 | Wt. of Compacted Soil (2-1) | | | | gms. |  |  |  |  |  |  |
| 4 | Volume of Mould | | | | cc |  |  |  |  |  |  |
| 5 | Wet Density (3/4) | | | | gms./cc |  |  |  |  |  |  |
| **MOISTURE CONTENT DETERMINATION** | | | | | | | | | | | |
| 6 | Container No. | | | |  |  |  |  |  |  |  |
| 7 | Wt. of Container + Wet Soil | | | | gms. |  |  |  |  |  |  |
| 8 | Wt. of Container + Dry Soil | | | | gms. |  |  |  |  |  |  |
| 9 | Wt. of Empty Container | | | | gms. |  |  |  |  |  |  |
| 10 | Wt of Water (7- 8) | | | | gms. |  |  |  |  |  |  |
| 11 | Wt of Dry soil (8- 9) | | | | gms. |  |  |  |  |  |  |
| 12 | Moisture Content [(10/11) x100] | | | | % |  |  |  |  |  |  |
| 13 | Dry Density [5/(1+(12/100))] | | | | gms./cc |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
|  | |  | | --- | |  | | |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |
|  | | | | | |  |  |  |  |  |  |
|  | | | | | |  |  |  |  |  |  |
|  | |  |  |  |  |  |  |  |  |  |  |
|  | |  |  |  |  |  |  |  |  |  |  |
| Maximum Dry Density (MDD) gm/cc = | | | | | |  |  |  |  |  |  |
| Optimum Moisture Content (OMC) % = | | | | | |  |  |  |  |  |  |

**Checked by Analyst**