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| **WORK INSTRUCTIONS**  **SPECTROPHOTOMETER CM-25cG** |

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| Date: | Jan 01, 2021 |
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**1. Operational Steps**

1. Set the power switch on the right side of the sample holder to ON.
2. Run the Spectra Magic NX software by clicking the Spectra Magic icon on the desktop.
3. Connect the Spectra Magic software to the instrument CM-25cG by clicking the connect button on toolbar, status of the connection will be displayed.
4. Open the required Standard of the respective grade from the Library.
5. Calibrate the instrument if required or if the connect button is inactive.
6. Pull the sample holder towards you and secure the sample / Target specimen with the sample holder.
7. To save the Standard sample click the Measure Target pink tile on the toolbar and hold the specimen firmly, a window will appear, name the target and click ok.
8. To check the Sample, either open the respective standard target or feed standard into the library using step 7.
9. Click the Measure Sample Blue tile on the toolbar and hold the specimen firmly, a window will appear, name the sample and click ok. dL\*, dA\*, dB\* and dE\*ab values will be displayed.
10. Value of dE as less than 1 for critical and dE value 1 or less than 2 for non critical will be considered acceptable to pass product grades.
11. **Precautions**
12. Do not subject CM-25cG A to strong impact or vibration, doing so may cause damage to the equipment.
13. Do not use any solvent to clean the apparatus, rather wipe with a soft cloth.
14. Do not keep instrument without cover.