**Operational Steps**

## In LMD lab we use two ways of viscosity measurement of products.

**VISCOMETER:**

Viscosity is measured on viscometer by following the below defined points;

1. 250ml/600ml beaker is filled with material, which viscosity is to be measured.
2. Place the beaker on the plate of viscometer.
3. Switch on the viscometer, its head moves downward and immersed its spindle in paste/liquid.
4. It rotates for 12sec as per settings of viscometer.
5. Once it stops, head lifts upward and viscosity is noted which appeared on the LCD screen. In unit of cP, gm and Pascal.
6. Spindle is cleaned up for next test if not required then switch off the equipment.

**FORD CUP:**

Viscosity is measured by using FORD CUP in following ways;

1. Cup is filled up to top line of it with material.
2. Block its hole point at the bottom with finger until time is not started.
3. Once it is completely start the stop watch and finger from bottom is removed.
4. Time is noted in seconds during which cup is completely empty.
5. This time value reflects the viscosity of the material.

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| **Prepared by:** | **Reviewed by** | **Approved by:** |
| **QHSE Member** | **QHSC team lead** | **General Manager** |
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