1. **Operational Steps**

Before operate the extruder lines following necessary parameters should be checked:

* All cables & wires should be covered with highly PVC insulation.
* All heaters should be properly connected with power supply.
* All insulations should be checked.
* All parts of line should be checked for leakage.
* Maintenance should be performed on timely bases.
* Temperature should be under observation and proper check.
* All parts should be aligned for smooth process of raw material.
* All parts should be checked separately to avoid any delay or inconvenience.
* All the gauges and indication lights should be working properly.
* Gear Box Oil should be up to the mark.
* Water circulation from cooling tower to keep the temperature of gear box, heat exchanger and water bath in limit.

1. **Precautions**

* All the staff should be aware of any malfunction in machine and process.
* Any issue regarding process flow should be dealt on time to avoid inconvenience.
* If any issue found in machine, it should be stopped immediately and checked thoroughly.

**Note:**

* Wear high temperature gloves around hot surfaces.
* Wear goggles.
* Verify that belt puller has guard on.
* Plan and prepare the work to do.
* Know the equipment.

H.O.D Maintenance Department

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| **Author** | **Review** | **Approval** |
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