| **Sr. #** |  | **Activity / Process** | **Identified Hazard** | **Possible Reason** | **Condition**  **(R/NR)** | **Risk Assessment** | | | **Significance** | **Possible Control Measures** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Department/Area** | Occurrence **(O)** | Severity **(S)** | Risk **(R)** = **(O\*S)** |
| 1 | LMD/LAB-PROD | Weighing | Dust Evolution | Lack of workers Training  No Proper Exhaust System | R | 5 | 2 | 10 | Moderate Risk | Installation of Exhaust System |
| 2 | LMD/LAB-PROD | Mixing | Dust Evolution | Lack of workers Training.  No proper Exhaust System. | R | 5 | 2 | 10 | Moderate Risk | Installation of Exhaust System |
| 3 | LMD/LAB-PROD | Grinding | Fumes and heat evolution | No proper earthling system of mixer and bead mil | R | 5 | 2 | 10 | Moderate Risk | Earthed the mixer and bead mill permanently |
| 4 | LMD/LAB | Two Roll Mill | Heat production | There is no proper copper blade for usage. | NR | 4 | 2 | 8 | Moderate Risk | Demand is under consideration |
| 5 | LMD/PROD | Compressor | Explosion hazard | Installation on the working place | R | 5 | 4 | 20 | High Risk | Shift the compressor from LMD floor to the top roof. |