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| **Sr No** | **Activities** |
| 1 | Flare stack Instruments and Control Circuit Check Up |
| 2 | Calibration of Weighing Bins, Weigh Bridge &Weighing Tanks |
| 3 | Thermocouple Replacement and Check Up in Furnace Top, Cast House/ Hearth Area/Stack /Lower Stack & Cross Flow Area. |
| 4 | Maintenance of Shut off valves/Control valves |
| 5 | Cleaning of Dust Pots/Impulse Pipe of Bf1, Bf2 and accessories. |
| 6 | Changing/checking of limit switches/proximity switches mounted on all weighing bins/coke gates |
| 7 | Working on Instrument / Electrical panel. |
| 8 | [Panel work like Drilling, Cutting and Grinding](HIRA%20Instrumentation/IN%2008%20Panel%20work%20drilling%20cutting.doc) |
| 9 | [Checking of Furnace top Transmitters, Thermocouples, Camera, Proximity and Limit Switches](D:\\d drive\\Paresh\\BF1 173 m3 After Relining\\WI & HIRA\\Intranet Upload_2020-2021_Final\\HIRA Instrumentation\\IN 09 checking of top transmitters.doc). |
| 10 | [Gas Cutting and Electric Arc Welding](HIRA%20Instrumentation/IN%2010%20gas%20cutting%20and%20electric%20arc%20welding.doc) |
| 11 | [Cable Laying at a Height](HIRA%20Instrumentation/IN%2011%20cable%20laying%20at%20hieght.doc) |
| 12 | Checking of flow, pressure transmitters, TC, RTD & Pressure Gauge mounted on gas line |
| 13 | [Working on False Roof top Ceiling](HIRA%20Instrumentation/IN%2013%20False%20roof%20top%20ceiling.doc) |
| 14 | Working on Hydro pack, Top charging and saturator System. |
| 15 | [Replacement of Capacitors, Contactor in AC units](HIRA%20Instrumentation/IN%2015%20replacement%20of%20capacitors%20in%20AC%20unit.doc) |
| 16 | [Working on Pneumatic Actuators of Control Valves](HIRA%20Instrumentation/IN%2016%20Pneumatic%20actuators%20of%20control%20valves.doc) |
| 17 | [Calibration and Checking of Instrumentation Equipment](HIRA%20Instrumentation/IN%2017%20Caliberation%20and%20checking%20of%20instrumentation%20equipments.doc) |
| 18 | [Maintenance of telephones and Public Address Systems](HIRA%20Instrumentation/IN%2018%20Maintenance%20of%20telephone%20PA%20system.doc) |
| 19 | Working and Maintenance of Air Conditioning units |
| 20 | [Maintenance of Ignitors and Ignition Transformers](HIRA%20Instrumentation/IN%2020%20Maintenance%20of%20ignitors%20and%20ignition%20transformers.doc) |
| 21 | [Load cell Removal and Installation at Weighbridges,](HIRA%20Instrumentation/IN%2021%20load%20cell%20removal%20and%20installation.doc) Weighing Bins and Weighing tanks |
| 22 | Working in CO gas concentrated areas |
| 23 | Changing of Dome/Hot Blast /Combustion chamber TC |
| 24 | Working on online Pyrometer |
| 25 | Working on crane weighing system |
| 26 | Working on Flare stacks PID Controller of pneumatic Control valves |
| 27 | Working On Crane Weighing System |

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| **Prepared By:**  Deputy Manager– Electrical & Instrumentation PID1 | **Reviewed & Issued By:**  MR | **Approved By:**  Head Electrical & Instrumentation PID1 |
| **Signature:** | **Signature:** | **Signature:** |
| **Review Date: 27/03/2023** | **Review Date: 27/03/2023** | **Review Date: 27/03/2023** |