

	<b>VEDANTA LIMITED – VALUE ADDED BUSINESS</b>	<b>Document No:</b>	<b>VL/IMS/PID1/INST/WI/11</b>
	<b>INTEGRATED MANAGEMENT SYSTEM</b>	<b>Revision Date:</b>	<b>05/01/2022</b>
	<b>Work Instructions for Working in CO Concentrated Areas</b>	<b>Revision No:</b> <b>Page No.:</b>	<b>06</b> <b>1 of 1</b>

## **WORK INSTRUCTION FOR WORKING IN CO CONCENTRATED AREAS**

**Objective:** Procedure for working in CO gas concentrated areas of Cast House, Gas Cleaning System, BFG gas Line, HBS, Slag dryer, Hearth, Bustle, Stack, Crossflow, Flare Stack, Thickener & Furnace Top.

**Scope:** This procedure applies to areas mentioned in the objective only

**Reference:** NIL

**Performance Criteria:** working safely in CO concentrated areas

**Reference:** RISK/INST/22; SP 44K

**Aspect for the Activity:** NA

### **Identification of Hazards:**

**Physical:** Fire, Explosion, Honeybee/snake bite, Noise, Hot Surface

**Mechanical:** Trip & Fall

**Chemical:** CO Gas poisoning, Steam, Dust, Graphite,

**Ergonomics:** Insufficient work practices

**Hazard due to Human Behavior/Human error:** Not adhering to WI/ PPE, Alcoholism, Use on non-certified tools/equipment.

**Responsibility:** Sr. Engineer Instrumentation/Associate / Inst Technician

### **PROCEDURE:**

1. When working in above related areas check for CO alarm at location & take work permit if required.
2. Avoid entering in gas concentrated area with empty stomach.
3. Before going to gas concentrated area confirm if portable CO monitor is working properly. Also confirm whether online CO monitor is working or not, physically at site and any alarm presence both at site and control room.
4. Always Two persons should go together with 2 CO monitors (Certified Co Monitor).
5. Also working in that area check for the alarm of Online CO monitors in that location or near by location.
6. If alarm is present refrain from working in the area.
7. Check from control room the area wise gas PPM alarm.
8. Restart work once alarm is deactivated.

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<b>Date: 05/01/2022</b>	<b>Date: 05/01/2022</b>	<b>Date: 05/01/2022</b>