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<p>(51) International classification :G05B0019418000, G06N0003040000, G08B0021220000, G08B0025000000, A61B0005080000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)Bluest Mettle Solutions Private Limited Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)MISHRA, Rahul Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----</p> <p>2)SINGH, Dhiraj Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----</p> <p>3)MANTRI, Archana Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p>
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(57) Abstract :

Embodiments of the present disclosure relates to a system (102) and method (200) for controlling industrial gaseous pollution. In an aspect, the present disclosure discloses a system (102) for providing an isolation gateway for controlling industrial gaseous pollution. The system (102) comprises a plurality of doors (104), positioned within an industrial facility, and configured to serve as entry points between different areas. Further, the system (102) comprises a plurality of sensors (106) configured to detect hazardous materials in an environment. Further, the system (102) comprises a control unit (108) configured to receive data from the plurality of sensors (106) to activate an appropriate response mechanism. Furthermore, the system (102) comprises an alarm unit (110), operatively coupled to the plurality of sensors (106), and configured to trigger an alarm sound upon detection of the hazardous materials in the environment.

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