



nebosh

## Supporting document 5

### Excerpt from LEV Examination and Test Report

*\*This excerpt is fictional and for educational purposes only, created solely for the purpose of this assessment*

#### LEV Thorough Examination and Test Report

| Section 1: Client Details |                                        |
|---------------------------|----------------------------------------|
| Name                      | We Make Paint & Co                     |
| Address                   | Work Yard Drive, Business Park, London |

| Section 2: Site Details |                             |
|-------------------------|-----------------------------|
| Address/site            | Work Yard Drive             |
| Area/room number        | Production Floor, section A |
| Conditions during test  | Normal production           |

| Section 3: LEV Plant Details                 |                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Serial number                                | AB3984726Z                                                                                                                                                                                                                                                                                                                        |
| Brief description of system                  | Single hood in use, positioned directly above a hatch to a large (25,000 litre) cylindrical mixing tank. To remove and control the level of RMA dust, emitted during application of this raw material to the mixing tank.                                                                                                         |
| Description of process to be controlled      | Ambient operating temperature. Application of RMA to mixing tank takes place at varying intervals depending on production demands. RMA supplied in 25Kg sacks, the emptying of each sack of raw material into the mixing tank takes approximately 5 minutes to complete. Face masks are worn by workers undertaking this process. |
| Identify hazardous agent(s) to be controlled | RMA, 25Kg sacks<br>Material is supplied in fine powder form<br>Dust contains respirable crystalline silica                                                                                                                                                                                                                        |
| Has anything changed since commissioning?    | Yes<br>Changes to the mixing process and raw materials used.                                                                                                                                                                                                                                                                      |

| Section 4: Executive Summary                 |                                                                                                                  |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Assessment of control: <b>unsatisfactory</b> |                                                                                                                  |
| Item 1                                       | Turbulence from LEV results in RMA dust being sucked upwards towards the workers' upper body                     |
| Item 2                                       | Static pressure sensor faulty- replacement component required                                                    |
| Item 3                                       | Filter is in satisfactory condition                                                                              |
| Item 4                                       | Examination and test completed 1 <sup>st</sup> August 2021. Last examination and test was completed 5 years ago. |