

1. Title	Be familiar with and master the prevention and control of suspended particulate pollutants											
2. Code	EMPESH303A											
3. Range	Monitor the prevention and control of suspended particulate pollutants in general industrial plants, power plants or other places.											
4. Level	3											
5. Credits	6											
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <table border="0"> <tr> <td style="vertical-align: top;">6.1</td> <td style="vertical-align: top;">Knowledge of the prevention and control of suspended particulate pollutants</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Understand legal guidelines on environmental protection and codes of good practice ◆ Understand guidelines and regulations on the control of dust and ash pollution ◆ Understand the discharge standards for suspended particulate pollutants ◆ Understand causes and prevention and control of various types of suspended particulate pollutants </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Methods and procedures for the prevention and control of suspended particulate pollutants</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Read and understand guidelines and regulations on the control of dust and ash pollution ◆ Monitor effectively the production of suspended particulate pollutants from plants according to instructions, such as <ul style="list-style-type: none"> • Suspended particulate pollutants from boilers and vents • Suspended particulate pollutants from diesel generators or engines • Suspended particulate pollutants from coal-fired devices ◆ Monitor effectively the volume of suspended particulate pollutants discharged from plants according to instructions, such as: <ul style="list-style-type: none"> • Air scrubber • Electrostatic precipitator ◆ Compile reports on the prevention and control of suspended particulate pollutants </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in the prevention and control of suspended particulate pollutants</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Follow guidelines and procedures to monitor the prevention and control of suspended particulate pollutants ◆ Discharge suspended particulate pollutants in compliance with the statutory code of safety and codes of practice </td> </tr> </table>			6.1	Knowledge of the prevention and control of suspended particulate pollutants	<ul style="list-style-type: none"> ◆ Understand legal guidelines on environmental protection and codes of good practice ◆ Understand guidelines and regulations on the control of dust and ash pollution ◆ Understand the discharge standards for suspended particulate pollutants ◆ Understand causes and prevention and control of various types of suspended particulate pollutants 	6.2	Methods and procedures for the prevention and control of suspended particulate pollutants	<ul style="list-style-type: none"> ◆ Read and understand guidelines and regulations on the control of dust and ash pollution ◆ Monitor effectively the production of suspended particulate pollutants from plants according to instructions, such as <ul style="list-style-type: none"> • Suspended particulate pollutants from boilers and vents • Suspended particulate pollutants from diesel generators or engines • Suspended particulate pollutants from coal-fired devices ◆ Monitor effectively the volume of suspended particulate pollutants discharged from plants according to instructions, such as: <ul style="list-style-type: none"> • Air scrubber • Electrostatic precipitator ◆ Compile reports on the prevention and control of suspended particulate pollutants 	6.3	Professionalism in the prevention and control of suspended particulate pollutants	<ul style="list-style-type: none"> ◆ Follow guidelines and procedures to monitor the prevention and control of suspended particulate pollutants ◆ Discharge suspended particulate pollutants in compliance with the statutory code of safety and codes of practice
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7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: <ul style="list-style-type: none">(i) Capable to independently monitor the prevention and control of suspended particulate pollutants;(ii) Capable to clearly explain guidelines and regulations on the control of dust and ash pollution;(iii) Capable to compile simple reports on the prevention and control of suspended particulate pollutants; and(iv) Capable to clearly report the status of the prevention and control of suspended particulate pollutants.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of general mechanical and chemical environmental protection.