

## Zone Classification

| <b>European and IEC Classification</b> | Definition of zone or division.  | North American Classification  |
|--|--|--------------------------------|
| <b>Zone 0</b><br>(Gases/Vapors)        | An area in which an explosive mixture is continuously present or present for long periods.   | Class I<br>Division 1 (gases)  |
| <b>Zone 1</b><br>(Gases/Vapors)        | An area in which an explosive mixture is likely to occur in normal operation.  | Class I<br>Division 1 (gases)  |
| <b>Zone 2</b><br>(Gases/Vapors)        | An area in which an explosive mixture is not likely to occur in normal operation and if it occurs it will exist only for a short time. | Class I<br>Division 2 (gases)  |
| <b>Zone 20</b><br>(Dusts)              | An area in which an explosive mixture is continuously present or present for long periods.   | Class II<br>Division 1 (dusts) |
| <b>Zone 21</b><br>(Dusts)              | An area in which an explosive mixture is likely to occur in normal operation.  | Class II<br>Division 1 (dusts) |
| <b>Zone 22</b><br>(Dusts)              | An area in which an explosive mixture is not likely to occur in normal operation and if it occurs it will exist only for a short time. | Class II<br>Division 2 (dusts) |