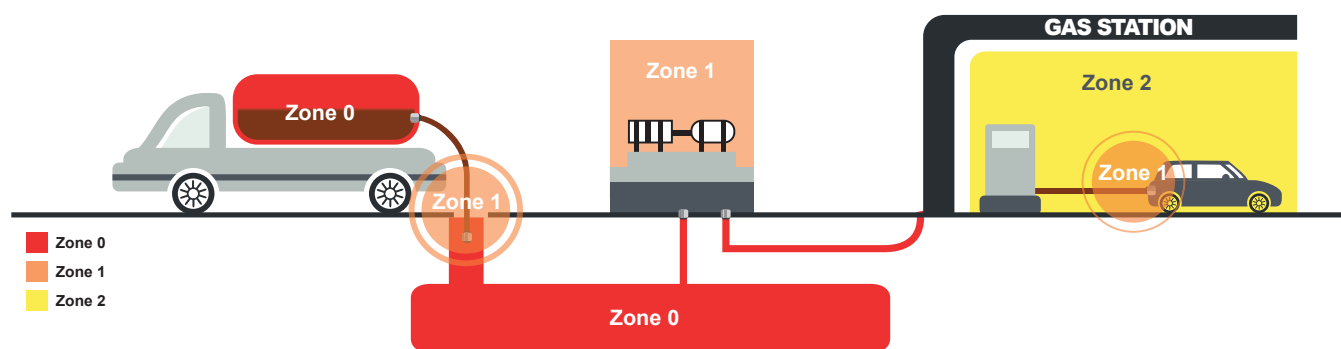


Technical Data of Explosion Proof

Hazardous Area Classification

Zone 0	Where ignitable concentrations of flammable gases, vapors, or liquids are present continuously or for long periods of time under normal operating conditions.
Zone 1	Where ignitable concentrations of flammable gases, vapors, or liquids are likely to exist under normal operating conditions.
Zone 2	Where ignitable concentrations of flammable gases, vapors, or liquids can occur for only a short period of time.
Zone 20	Where explosive atmosphere in the form of a cloud of combustible dust in air is present continuously, or for long periods or frequently.
Zone 21	Where explosive atmosphere in the form of a cloud of combustible dust in air is likely to occur, occasionally, in normal operation.
Zone 22	Where explosive atmosphere in the form of a cloud of combustible dust in air is not likely to occur in normal operation but, if it does occur, will persist for a short period only.



<Areas classification example>

Condition	IEC	NEC500	JIS, KS
Continuous hazard (more than 1000 hours per year)	Zone 0 Zone 20(DUST)	Division 1	Zone 0
Intermittent hazard (10-1000 hours per year)	Zone 1 Zone 21(DUST)		Zone 1
Possible hazard (0.1-10 hours per year)	Zone 2 Zone 22(DUST)	Division 2	Zone 2

Models Available for Each Zone

Area Classification	Model
Zone 1	SNE, SEA, SE, SSEL, SESA, SEBA, SNES, SPNA, QEB, SBE130, SBE150, QEAL1, QEAL2, QTEX, QTEXB
Zone 2	SNE, SEA, SE, SSEL, SESA, SEBA, SNES, SPNA, QEB, SBE130, SBE150, QEAL1, QEAL2, QTEX, QTEXB, ST45ML-Ex, STB45ML-Ex