

CID2 CERTIFICATION OVERVIEW



WHAT IS CID2 (CLASS I; DIVISION 2)?

CID2 is an ANSI / ISA North American certification for hazardous locations. There are three types of hazardous locations categorized by Class I (gases, vapors, and liquids), Class II (dusts), and Class III (fibers and flyings). Division 1 means normally explosive and hazardous and Division 2 means not normally present in an explosive concentration but may accidentally exist. See the chart below for further breakdown of the certification.

CLASSES	GROUPS	DIVISIONS	
		1	2
Class I: Gases, vapors and liquids.	Group A: Acetylene Group B: Hydrogen, fuel and combustible process gases containing more than 30% hydrogen by volume or gases of equivalent hazard such as butadiene, ethylene, oxide, propylene oxide and acrolein. Group C: Carbon monoxide, ether, hydrogen sulfide, morphine, cyclopropane, ethyl and ethylene or gases of equivalent hazard. Group D: Gasoline, acetone, ammonia, benzene, butane, cyclopropane, ethanol, hexane, methanol, methane, vinyl chloride, natural gas, naphtha, propane or gases of equivalent hazard.	Normal: Normally explosive and hazardous.	Abnormal: Not normally present in an explosive concentration but may accidentally exist.



MOTION TABLETS & CID2

With CID2 certification, Motion F5te Rugged Tablets and the EasyConnect RFID Long-Range Readers can be used to streamline inspections at oil and gas companies, improve plant safety and integrity across petrochemical manufacturing and automate asset management at breweries. Motion tablets are purposely designed to improve mobile workflows across targeted verticals. With the CID2 certification, the many benefits of Motion rugged computing solutions can be experienced in new ways and in new environments.

Note: CID2 certified F5te Tablet PCs will be available in US, Canada, Australia and New Zealand ONLY. There is no CID2 upgrade path for existing F5-Series Tablet PCs - F5te must be purchased with CID2 certification.