

LIST OF INDIAN & IEC CODES FOR HAZARDOUS AREA AS ON 10 May 2008

IS CODE NO	TITLE OF INDIAN STANDARD	IEC CODE NO	TITLE OF IEC STANDARD	STATUS
IS/IEC 60079-0 2004	Electrical apparatus for explosive gas atmospheres - General Requirements	IEC 60079-0 Ed 5 2007/10	Explosive atmospheres Part 0 : Equipments-General Requirements	Latest Version Under Printing
IS/IEC60079-1 2007	Explosive atmospheres Part1-Euipment Protection by Flameproof Enclosures "d"	IEC 60079-1 Ed6 2007/04	Explosive atmospheres Part1-Euipment Protection by Flameproof Enclosures "d"	Latest Version Printed as IS
IS 9735-2003/ IEC60079-1-1: 2002	Electrical Apparatus for explosive gas atmospheres - Flameproof enclosures 'd'-Method of test for ascertainment of maximum experimental safe gap (First Revision)	IEC 60079-1-1 2002/07	Electrical Apparatus for explosive gas atmospheres Part 1-1: Flameproof enclosures 'd'-Method of test for ascertainment of maximum experimental safe gap	Latest Version Printed as IS
IS 7389:2004/ IEC60079-2:2001	Electrical Apparatus for explosive gas atmospheres - Pressurised enclosures 'p' (First Revision)	IEC 60079-2 Ed5 2007/02	Explosive atmospheres Part 2: Equipment Protection by Pressurised enclosures 'p'	Latest Version Under Printing
IS 11064:1984	Guide for construction & use of rooms or buildings protected by pressurisation for installation of electrical apparatus for explosive gas atmospheres	IEC/TR 60079-13 1982/01	Electrical Apparatus for explosive gas atmospheres Part 13:Construction and use of rooms or buildings protected by pressurisation	Latest Version Printed as IS
IS/IEC 60079-16 2004	Electrical Apparatus for explosive gas atmospheres Part 16:Artificial Ventilation for the protection of analyser houses	IEC/TR 60079-16 Ed1 1990/05	Electrical Apparatus for explosive gas atmospheres Part 16:Artificial Ventilation for the protection of analyser houses	Latest Version Printed as IS
IS 6381-2004/ IEC60079-7:2001	Electrical Apparatus for explosive gas atmospheres - Inccreded Safety 'e'	IEC 60079-7 Ed4 2006/07	Electrical Apparatus for explosive gas atmospheres Part 7 : Inccreded Safety 'e'	Latest Version Under Printing
IS 5780:2002/ IEC60079-11: 1999	Electrical Apparatus for explosive gas atmospheres - Intrinsic Safety 'i' : Specification	IEC 60079-11 2006/07	Electrical Apparatus for explosive gas atmospheres Part 11: Intrinsic Safety 'i'	Latest Version Under Printing
IS/IEC 60079-25 2003	Electrical Apparatus for explosive gas atmospheres Part 25: Intrinsically Safe Systems	IEC 60079-25 2003/8	Electrical Apparatus for explosive gas atmospheres Part 25: Intrinsically Safe Systems	Latest Version Printed as IS
		IEC 60079-26 Ed2 2006/08	Explosive atmospheres Part 26: Equipment with Equipment Protection Level (EPL) Ga	To be adopted
		IEC 60079-27 Ed2 2008/01	Explosive atmospheres Part 27: Fieldbus intrinsically safe concept (FISCO)	To be adopted
		IEC 60079-28 Ed1 2006/08	Explosive atmospheres Part 28: Protection of Equipments & transmission system using optical radiation	To be adopted
IS 7724-2004/ IEC60079-5:1997	Sand filled electrical apparatus for use in explosive atmospheres	IEC 60079-5 Ed3 2007/03	Explosive Atmospheres Part 5: Equipment Protection by Powder filling 'q'	Latest Version Under Printing

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IS CODE NO	TITLE OF INDIAN STANDARD	IEC CODE NO	TITLE OF IEC STANDARD	STATUS
IS 7693-2004/ IEC60079-6:1995	Electrical Apparatus for explosive gas atmospheres - Oil immersion 'o'	IEC 60079-6 Ed3 2007/03	Explosive atmospheres Part 6: Equipment Protection by Oil immersion 'o'	Latest Version Under Printing
IS/IEC 60079-15 2005	Electrical Apparatus for explosive gas atmospheres Part 15: Construction, Test & Marking of Type of protection 'n' Electrical Apparatus	IEC 60079-15 Ed3 2005/03	Electrical Apparatus for explosive gas atmospheres Part 15: Construction, Test & Marking of Type of protection 'n' Electrical Apparatus	Latest Version Printed as IS
IEC 60079-18 2004	Electrical Apparatus for explosive gas atmospheres Part 18: Construction, Test & Marking of Type of protection 'm' Electrical Apparatus	IEC 60079-18 Ed2 2004/03	Electrical Apparatus for explosive gas atmospheres Part 18: Construction, Test & Marking of Type of protection 'm' Electrical Apparatus	Latest Version Printed as IS
IS 5572-1994	Classification of hazardous areas (other than mines) having flammable gases & vapours for electrical installation	IEC 60079-10 Ed4 2002/06	Electrical Apparatus for explosive gas atmospheres Part 10: Classification of hazardous area	Under Adoption
IS 9570-1980	Classification of flammable gases & vapours with air according to their maximum experimental safe gaps and minimum igniting currents	IEC/TR 60079-12 Ed1 1978/01	Electrical Apparatus for explosive gas atmospheres Part 12: Classification of mixtures of vapours with air according to their maximum experimental safe gaps and minimum igniting currents	Latest Version Printed as IS
		IEC/TR 60079-20 Ed1 1996/10	Electrical Apparatus for explosive gas atmospheres Part 20: Data for flammable gases & vapours relating to use of electrical apparatus	Under Adoption
IS 5571-2000	Guide for selection of electrical equipment for hazardous area (Second Revision)	IEC 60079-14 Ed4 2007/12	Explosive Atmospheres (Other than mines & explosives) Part 14: Electrical installations - Design, Selection & Erection	Under Adoption
IS 13408(Part1) - 1992	Code of practice for the selection, installation & maintenance of electrical apparatus for use in potentially explosive atmospheres (other than mining application or explosive processing manufacture) Part 1: General recommendation	IEC 60079-17 Ed4 2002/07	Explosive Atmospheres (Other than mines & explosives) Part 17: Electrical Installations - Inspection & Maintenance	Latest Version Under Printing
		IEC 60079-19 Ed2 2006/10	Explosive atmospheres (Other than mines & explosives) Part 19: Equipment Repair, overhaul & reclamation	Latest Version Under Printing
IS 7820:2004/ IEC60079-4:1975	Electrical Apparatus for explosive gas atmospheres : Method of test for ignition temperature	IEC 60079-4 1995/07	Electrical Apparatus for explosive gas atmospheres Part 4: Method of test for ignition temperature	Latest Version Printed as IS

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IS CODE NO	TITLE OF INDIAN STANDARD	IEC CODE NO	TITLE OF IEC STANDARD	STATUS
IS 5679-1986	Miners Cap lamp assemblies (incorporating lead acid type batteries)	IEC 62013-1 Ed 2 2005/10	Caplights for use in mines susceptible to firedamp Part 1: General requirement- Construction & testing in relation to risk of explosion	Latest Version Under Printing
		IEC 62013-2 Ed 2 2005/10	Caplights for use in mines susceptible to firedamp Part 2: Performance & other safety related matters	Latest Version Under Printing
IS 9836-1981	Exploders			
IS 9959-1980	Guide for selection of electrical & electronic equipment for coal mines			Under Revision
IS 4051-1967	Code of Practice for installation & maintenance of electrical equipment in mines			Under Revision
		IEC60079-29-1 Ed1 2007/08	Explosive Atmospheres Part 29-1: Gas Detectors- Performance requirements of detectors for flammable gases	Under Adoption
		IEC60079-29-2 Ed1 2007/08	Explosive Atmospheres Part 29-2: Gas Detectors- Selection, installation, use and maintenance of detectors for flammable gases and oxygen	Under Adoption
IS 14774(Part 1) - 2000	Resistance trace heating in potentially explosive atmospheres Part 1 General & testing requirements	IEC60079-30-1 Ed1 2007/01	Explosive atmospheres Part 30-1: Electrical resistance trace heating- General & testing requirements	To be adopted
IS 14774(Part 2) - 2000	Resistance trace heating in potentially explosive atmospheres Part 2 Informative application guide for design, installation and maintenance	IEC60079-30-2 Ed1 2007/01	Explosive atmospheres Part 30-2: Electrical resistance trace heating- Application guide for design, installation & maintenance	To be adopted
IS 11005-1984	Dust tight ignition proof enclosures of electrical equipment			To be scrapped
IS 14154(Part1) - 1996	Electrical apparatus with protection by enclosure for use in the presence of combustible dusts: Part 1 Specification for apparatus			To be scrapped
		IEC 61241-0 Ed1 2004/7	Electrical apparatus for use in the presence of combustible dust: Part 0: General Requirements	Under Adoption
		IEC 61241-1 Ed1 2004/05	Electrical apparatus for use in the presence of combustible dusts: Part 1:Protection by enclosures 'tD'	Under Adoption

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IS CODE NO	TITLE OF INDIAN STANDARD	IEC CODE NO	TITLE OF IEC STANDARD	STATUS
IS 12315(Part 1) - 1988	Method of determining the minimum ignition temperature of dusts Part 1: Dust layer on a heated surface at a constant temperature	IEC 61241-2-1 Ed1 1994/12	Electrical apparatus for use in the presence of combustible dusts: Part 2: Test methods- Section 1: Method of determining the minimum ignition temperature of dust	Under Adoption
		IEC/ TS 61241-2-2 Ed1 1993/08	Electrical apparatus for use in the presence of combustible dusts: Part 2: Test methods- Section 2: Method of determining the electrical resistivity of dust in layers	Under Adoption
IS 12315(Part 2) - 1988	Method of determining the minimum ignition temperature of dusts Part 2: Dust cloud in a furnace at a constant temperature	IEC 61241-2-3 Ed1 1994/09	Electrical apparatus for use in the presence of combustible dusts: Part 2: Test methods- Section 3: Method of determining the minimum ignition energy of dust / air mixture	Under Adoption
		IEC 61241-4 Ed1 2001/03	Electrical apparatus for use in the presence of combustible dusts: Part 4: Type of protection 'pD'	Under Adoption
		IEC 61241-10 Ed1 2004/06	Electrical apparatus for use in the presence of combustible dusts: Part 10: Classification of areas where combustible dusts are or may be present	Under Adoption
		IEC 61241-11 Ed1 2005/10	Electrical apparatus for use in the presence of combustible dusts: Part 11: Protection by intrinsic safety 'iD'	Under Adoption
IS 15142:2002	Guide to the use of Electrical Apparatus for potentially explosive atmospheres in the presence of combustible dust			To be scrapped
IS 14154(Part2) - 1997	Electrical apparatus with protection by enclosure for use in the presence of combustible dusts: Part 2 Guide to selection, installation & maintenance	IEC 61241-14 Ed1 2004/07	Electrical apparatus for use in the presence of combustible dusts: Part 14: Selection & Installation	Under Adoption
		IEC 61241-17 Ed1 2005/01	Electrical apparatus for use in the presence of combustible dusts: Part 17: Inspection & maintenance of electrical installations in hazardous areas (Other than mines)	Under Adoption
		IEC 61241-18 Ed1 2004/08	Electrical apparatus for use in the presence of combustible dusts: Part 18: Protection by encapsulation 'mD'	Under Adoption
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