LIST OF INDIAN & IEC CODES FOR HAZARDOUS AREA (YEAR 2009)				
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/IEC 60079-1 2007	Explosive atmospheres Part-1 Equipment Protection by Flameproof Enclosures 'd'	IEC 60079-1 Ed 6 2007/04	Explosive atmospheres Part1-Equipment Protection by Flameproof Enclosures 'd'	Latest Version Printed as IS
IS 9735-2003 / IEC 60079-1-1: 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 / IEC 60079-2:2001	Pressurized Enclosures of electrical equipment for use in hazardous area (second revision)	IEC 60079-2 Ed 5 2007/02	Explosive atmospheres Part 2:Equipment Protection by pressurised enclosures 'p'	Latest Version Under Printing
IS 7820:2004 / IEC 60079-4:1975	Electrical Apparatus for explosive gas atmospheres : Method of test for ignition temperature (first revision)	IEC 60079-4 1995/07	Electrical Apparatus for explosive gas atmospheres Part 4 :Method of test for ignition temperature	Latest Version Printed as IS
IS 7724-2004 / IEC60079-5:1997	Electrical apparatus for explosive gas atmospheres - Powder filling "q" (first revision)	IEC 60079-5 Ed3 2007/03	Explosive Atmospheres Part 5: Equipment Protection by Powder filling 'q'	Latest Version Under Printing
IS 7693-2004 / IEC 60079-6:1995	Electrical Appratus for explosive gas atmospheres -Oil immersion 'o' (first revision)	IEC 60079-6 Ed3 2007/03	Explosive atmospheres Part 6: Equipment Protection by Oil immersion 'o'	Latest Version Under Printing
IS 6381-2004 / IEC60079-7:2001	Electrical Appratus for explosive gas atmospheres - increased Safety 'e' (first revision)	IEC 60079-7 Ed4 2006-07	Electrical Appratus for explosive gas atmospheres Part 7: Increased Safety 'e'	Latest Version Under Printing
IS 5572-1994	Classification of hazardous areas (other than mines) haviing flammable gases & vapours for electrical installation (second revision)	IEC 60079-10 Ed4 2002/06	Electrical Apparatus for explosive gas atmospheres Part 10 : Classification of hazardous area	Under Adoption
IS 5780:2002 / IEC 60079-11:1999	Electrical Apparatus for explosive gas atmospheres - Intrinsic Safety 'i' : Specification (second revision)	IEC 60079-11 2006/07	Electrical Apparatus for explosive gas atmospheres Part 11 : Intrinsic Safety 'I'	Latest Version Printed as IS
IS 9570-1980	Classification of flammable gasses & vapours with air according to their maximum experimental safe gaps and minimim igniting currents	IEC/TR 60079-12 Ed1 1978/01	Electrical Appratus foro explosive gas atmospheres Part 12: Classification of mixures of vapours with air according to their maximum experimental safe gaps and minimum igniting currents	Latest Version Printed as IS
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 5571-2000	Guide for selection of electrical equipment for hazardous area (Second Revision)	IEC 60079-14 Ed4 2002/07	Explosive Atmospheres (Other than mines & explosives) Part 14: Electrical Installations -- Design, Selection & Maintanence	Under Adoption
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

IS CODE NO	TITLE OF INDIAN STANDARD	IEC CODE NO	TITLE OF IEC STANDARD	STATUS
IS/IEC 60079-16 2004	Electrical Apprpatus for explosive gas atmospheres - Part 16: Artificial Ventilation for the protection of analyser houses	IEC/TR 60079-16 Ed1 1990/05	Electrical Appratus for explosive gas atmospheres Part 16: Artificial Ventilation for the protection of analyser houses	Latest Version Printed as IS
IS 13408 (Part1) - 1992	Code of practice for the selection, installation & maintenance of elecltrical apparatus for use in potentially explosive atmospheres (other than mining application or explosive processing manufacture)Part 1:	IEC 60079-17 Ed4 2002/07	Explosive atmospheres (Other than mines & explosives) Part 17: Electrical Instalations - Inspection & Maintenance	Under Adoption
IEC 60079-18 2004	Electrical Appratus for explosive gas atmospheres Part 18: Construction, Test & Marking of Type of protection 'm' Electrical Appratus	IEC 60079-18 Ed2 2004/03	Electrical Appratus for explosive gas atmospheres Part 18: Construction, Test & Marking of Type of protection 'm' Electrical Appratus	Latest Version Printed as IS
		IEC 60079-19 Ed2 2006/10	Explosive atmospheres (Other than mines & explosives) Part 19: Equipment Repair, overhaul & reclamation	Under Adoption
		IEC/TR 60079-20 Ed1 1996/10	Electrical Apparatus for explosive gas atmospheres Part 20 Data for inflammable gases & vapours relating to use of electrical appratus	Under Adoption
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
		IEC60079-29-1 Ed1 2007/08	Explosive Atmospheres Part 29-1:Gas Detectors -Performance requirements of detectors for flammable gases	To be adopted
		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	To be adopted
IS 1477 (Part-1) - 2000	Resistance trace heating in potnetially 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 potnetially explosive atmospheres Part 2 Informative application guide for design, installation and maintenance	IEC 60079-30-2 Ed1 2007/01	Explosive atmospheres Part 30-2: Electrical resistance trace heating - Application guide for design, installation & maintenance	To be adopted

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 62013-1Ed2 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 Ed2 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

IS CODE NO	TITLE OF INDIAN STANDARD	IEC CODE NO	TITLE OF IEC STANDARD	STATUS
IS 11005-1984	Dust tight ignition proof enclosures of electrical equipment			To be scrapped
IS 1415 (Part 1) -1996	Electrical appratus 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 appratus for use in the presence of combustible dust: Part : 0:General Requirements	Under Adoption
		IEC 61241-1 Ed1 2004/05	Electrical appratus for use in the presence of combustible dusts: Part 1: Protection by enclosures 'tD'	Under Adoption
IS 12315(Part 1) 1988	Method of determining the minimum ignition temperature of dusts Part 1: Dust layer on a heted surface at a constant temperature	IEC 61241-2-1 Ed1 1994/12	Electrical appratus 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 612141-2-2 Ed1 1993/08	Electrical appratus for use in the presence of combustible dusts: Part 2: Test methods - Section 2: Method of determining the electrical of dust in layersresistivity	Under Adoption
IS 12315 (Part 2) - 198	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 appratus 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 appratus for use in the presence of combustible dusts; Part 4: Type of protection 'pD'	Under Adoption
		IEC 61241-10 Ed1 2001/03	Electrical appratus for use in presence of combustible dusts:Part 10: classification areas where combustible dusts are may be present	Under Adoption
		IEC 61241-11 Ed1 2004/06	Electrical appratus for use in the presence of combustible dusts: Part 11 Protectiono by intrisic safety 'iD'	Under Adoption

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IS 15142:2002	Guide to the use of Elecrical Appratus for potentially explosive atmospheres in the presence of combustible dust			To be scrapped
IS 14154(Part2) -1997	Electrical appratus 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 appratus for use in the presence of combustible dusts Part 14: Selection & Installation	Under Adoption
		IEC 61241-17 Ed1 2005/01	Electrical appratus for use in the presence of combustible dusts Part 17 Inspection & maintenance of electrical installations in hazardous areas	Under Adoption
		IEC61241-18 Ed1 2004/08	Electrical appratus for use in the presence of combustible dusts: Part 18 Protection by encapsulation 'mD'	Under Adoption