



BUREAU OF INDIAN STANDARDS

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Sl. No	Name of the Organization	Clause/ Sub-Clause	Paragraph/ Figure/Table	Type of Comment (General/Editorial/Technical)	Comments	Proposed Change
	Schneider Electric	3.1		General	Add including house-keeping staff . as cleaning of the substation should be done carefully with adequate PPE and as per clause 12.3 of IEC 62271-1 “Precautions by users”	Substation shall be accessible only to trained and authorized people (including house-keeping) as it houses high voltage and high power Equipment
		4	Para 1	General	Substation environmental condition	Utility/ User should ensure the environmental condition of the switchgear as defined is IEC62271-1, clause 4 Normal and special service conditions – by installing additional equipments as required
		Annex A		Technical	This section is dedicated to SF6 breakers (HV). We need specific section for MV VCB, GIS #On-line Partial discharge monitoring may be added in scheduled test list # No mention of epoxy/polymeric bushings maintenance and check points. Need to be added.	

					# Vacuum interrupter contact gap erosion checking may be included	
		Annex B		Technical	Criterion for Epoxy cast CTs need to be added MV/Dry type CTs maintenance to be included	
		Annex C		Technical	Criterion for Epoxy cast CTs need to be added MV/Dry type VTs maintenance to be included	
		Annex D		Technical	Criterion for Gap less surge arrestors with Composite insulator for MV application need to be added	
		Annex F		Technical	Maintenance and routine observations of following types of MV connections may be considered. # Inner cone & Outer cone connection for MV GIS # Partial discharge monitoring for connection joints # Solid insulated type screen busbars connection	
		General		General	IR tests are generally indicative test and not included in switchgear standard. Hence, it is recommended for all IR test to be followed by Power Freq withstand test if the IR test results are beyond the prescribed value.	