

			PRODUCT STANDARD SWITCHGEAR ENGINEERING DIVISION	SG12772 Rev00 Page 1 of 1
		<u>PURCHASE SPECIFICATION FOR PROCUREMENT OF 12 kV 26.3kA VACUUM INTERRUPTER FOR MV SWITCHGEAR APPLICATIONS</u>		
COPY RIGHT AND CONFIDENTIAL The information on this document is the property of BHEL Bhopal It must not be used directly or indirectly in any way detrimental to the interest of the company		<p>Vacuum interrupter shall be proven & shall confirm following parameters:</p> <p>This specification governs the inspection, packing and supply of vacuum interrupter for MV switchgears. It is the intent of this specification to describe primary features, materials design & performance requirements and to establish minimum standards. The specification is not intended to specify the complete details of various practices of manufacturing/ bidders, but to specify the requirements with regards to performance, durability and satisfactory operation in VCB under the specified condition for intended application.</p> <ol style="list-style-type: none"> 1. ELECTRICAL RATINGS <ol style="list-style-type: none"> a. Rated Maximum Line to Line Voltage 12 kV r.m.s. b. Rated Power Frequency withstand Voltage 35 kV r.m.s. c. Rated Impulse withstand Voltage 95 kV Peak d. Rated Normal Current 2000 A r.m.s. or higher e. Rated Short time withstand Current. 26.3 kA r.m.s. f. Rated duration of Short Time Current 3 Sec g. Rated peak withstand current 65.75kA, Peak 2. MECHANICAL PARAMETERS <ol style="list-style-type: none"> a. Contact Stroke 5 - 8 mm b. Dimensions with-in envelop given in attached drawing- 35210005506 SH03 3. WARRANTY / GUARANTEE <ol style="list-style-type: none"> a. Vacuum Interrupters shall bear Warranty / Guarantee for 5.5 years for free replacement from date of receipt of last lot against the PO. 		