

OSM/IN DECISION

Standard: EN 50539-11:2013	Sub clause: 7.2.1	Sheet N°: OSM/IN 271
Subject: Power source requirements for testing	Key words: - power supply - power source	Meeting N°: -- Item: -- Enquiry dates: 2014-03-03 / 2014-04-25
Question: Decision: Explanatory notes:	<p>Is there no ripple specification at higher currents than 1A?</p> <p>The following shall be applied complementary to the standard requirement:</p> <p style="color: red;">To ensure comparable test results, at least a 6 pulse rectifier bridge shall be used for power supply of the overload behaviour test. This is to ensure a limit for the maximum ripple under full load condition.</p> <p>To follow the decision for future standard improvement, taken at the CLC TC37A WG1 meeting on 5th February 2014 in Paris.</p> <p>Extract from the minutes:</p> <p>The WG1 agreed the following interpretations of EN 50539-11 parts in relation to overload behaviour testing for laboratories:</p> <ul style="list-style-type: none"> • • To ensure comparable test results, at least a 6 pulse rectifier bridge shall be used for power supply of the overload behaviour test. This is to ensure a limit for the maximum ripple under full load condition. 	