



# EMC LAB

## ITI LIMITED

( A Government of India Undertaking)

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### TEST REQUEST - INPUT DATA FORM

Reference No: ITI/EMC LAB/IDF/ \_\_\_ / \_\_\_

Date: \_\_\_ / \_\_\_ / \_\_\_

\*Strike out which is not applicable

1	Customer Details	Company Name					
		Address					
		Telephone No.					
		Mobile No.					
		Email					
		Customer representative					
2	EUT Details	Name of the system/ Subsystem					
		Make					
		Model No.					
		Serial No.					
		End user					
3	*Manufacturer Status	MNC / SSI / Private Limited /Govt. R&D Lab/ PSU /MSME					
4	*Type of Industry sector	Power Sector/ Industrial Automation / IT / Medical / T&M / Nuclear Power Plant / Other (Specify)					
5	No. of samples to be tested						
6	EUT Power details	Type	Range	Frequency	Max Current	Type of cable	
		1 phase					
		3 phase					
		DC					
7	*Auxiliary Instruments connected to EUT	E.g. Laptop, Measuring Instruments, Load, Control circuits for operation / monitoring of EUT / Other (Specify)_____.					
8	*Data lines	Type of data Cable	Connector type	No. of data lines	Max Line Voltage	operating frequency	
		Twisted Pair, Coaxial, Shielded, Unshielded, Other (if any)_____	CAT 5, RJ 45,RS 232, USB, D-type, Other (if any)				
9	Mechanical specification of EUT	Dimension in cm (approx.)					
		Weight in kg (approx.)					
10	EUT Configuration						

	<b>EUT Mode</b>	E.g., Stand by, other (specify)			
11	<b>Type of the Test</b>	Pre Compliance <input type="checkbox"/> Full Compliance <input type="checkbox"/> ILC <input type="checkbox"/>			
12	<b>Test Details</b>	Test Standard: Commercial <input type="checkbox"/> MIL Std. <input type="checkbox"/> Mention Std.: _____			
		<b>Name of the Test</b> (*Available freq range)	<b>Standard type</b>	<b>Class/Application/Level</b>	<b>Details if any</b>
		i)Radiated Emission (30MHz to 6 GHz)*			
		ii)Conducted Emission (9KHz to 30 MHz)*			
		iii)Radiated Susceptibility (80MHz -6GHz)*			
		<b>iv)Conducted Susceptibility</b>			
		Electro Static Discharge (ESD) [IEC 61000 - 4-2]	Air <input type="checkbox"/> Contact <input type="checkbox"/>	Test Voltage:___kV	Details :
		Electrical Fast Transient (EFT) [IEC 61000 - 4-4]	<input type="checkbox"/> Power line <input type="checkbox"/> AC <input type="checkbox"/> DC <input type="checkbox"/> Data line	Voltage Peak:___kV Rep. Freq: 5/100kHz Burst Count: ____	Details :
		Surge Immunity [IEC 61000 - 4-5]	Power line <input type="checkbox"/> Data line <input type="checkbox"/> <input type="checkbox"/> Symmetrical <input type="checkbox"/> Unsymmetrical <input type="checkbox"/> Ethernet	Test Voltage:_ _____ kV Pulse Count : _	Details :
		RF CS/Immunity to conducted disturbances, induced by Radio- frequency fields [IEC 61000 - 4-6]	<input type="checkbox"/> Power line <input type="checkbox"/> AC <input type="checkbox"/> DC <input type="checkbox"/> Data line	Voltage Level :_V Freq Range : Modulation:	Details :
PFMF (Power Frequency Magnetic Field) [IEC 61000 - 4-8]	Magnetic Field strength:___A/m Duration :		Details :		
Votage Dips/Interruptions/Variations [IEC 61000 - 4-11]	Details :				

13	<b>Statement of Conformity</b>			
	<b>Decision Rule</b>	Applicable <input type="checkbox"/>	Not applicable <input type="checkbox"/>	
	If Applicable select the option	1. As per standard requirement		<input type="checkbox"/>
		2. Includes Lab Uncertainty		<input type="checkbox"/>
<p>Note:</p> <p><b>1. As per standard requirement</b> Pass/Fail/Complied/Not Complied or within/out of specification decision based on acceptance criteria in the Standard.</p> <p><b>2. Includes Lab Uncertainty</b> Pass/Fail/Complied/Not Complied decision including the uncertainty of the Lab.</p>				
14	<b>Test Result</b>	<b>Report Required</b> <input type="checkbox"/>	<b>Hard Copy</b> <input type="checkbox"/>	
		<b>Certificate Required</b> <input type="checkbox"/>	<b>Soft Copy</b> <input type="checkbox"/>	
<p><b>Terms &amp; Conditions:</b></p> <p>* Test items submitted <b>must</b> be in working condition.</p> <p>*The graph/report issued, refers only to the items submitted for test.</p> <p>*Monitoring during test based on the operating conditions described by the customer.</p> <p>*All requests for tests are subject by EMC Lab, and no order will constitute a binding commitment of the Laboratory unless and until such order is accepted by it, as evidenced by the issuance of a written "Test Report" by the Laboratory. The Test Report is issued solely by the Laboratory, is intended for the exclusive use of Customer and shall not be published, used for advertising purposes, copied or replicated for distribution to any other person or entity or otherwise publicly disclosed without the prior written consent of the Laboratory.</p>				
<b>Customer Representative Name:</b>				
<b>Date:</b>		<b>Signature:</b>		