



# FORM - 21C

## DESIGN CRITERIA FORM FOR COMPOSITES/ CERAMIC COMPONENTS

In accordance with IMTAR – 21, Subpart C3, 21.C3.1.9, 21.C3. 1.10

### Reference

Applicant's Reference

Date:

Project : Material :  
 Name of Inspection Agency : Manufacturing Process Route :  
 Name of the Developing/Manufacturing Agency: Supply Condition :  
 Nominal dimension of the component (if applicable):

Sl. No.	Component Name	Classification	Material Property Requirements	Environmental Conditions	Temperature Conditions	Other Property Requirements (Physical, Thermal, Electromagnetic, Rain-erosion, etc.)	Any other information
			Based on Static/ Dynamic loading conditions				
		Critical / Non critical	Eg. Tensile Strength & Modulus, Flexural Strength & Modulus, Compressive Strength & Modulus Fracture Toughness, Fatigue, etc.			Density, Porosity, Specific Heat, Thermal conductivity, CTE, Moisture absorption co-efficient, Weight Loss (TGA), Tangent Loss, Dielectric Constant, etc	

### Enclosures:

- Brief write-up about the Project
- End use of the Components along with justification for classification
- Drawings, photographs of components
- QA Plan

Signature  
 Name & Designation  
 Name of Organisation (with Seal)

Countersigned by CEMILAC