



FORM - 21A

DESIGN CRITERIA FORM FOR METALLIC MATERIAL/ SEMI-FINISHED METALLIC COMPONENT

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

Reference

Applicant's Reference

Date:

Project : Material Grade & Mill form :
 Name of Inspection Agency : Heat Treatment Condition :
 Name of Developing/ : Size (mm) :
 Manufacturing Agency : Supply Condition :
 Manufacturing Process Route :

Sl. No.	Component	Classification	Stress Condition with the magnitude			Environmental Conditions	Temperature Conditions	Weldability requirements*	Any other information
			Primary	Secondary	Static/ Dynamic loading conditions				
		Critical/ Non critical	Eg. Fracture Toughness, Fatigue, YS, UTS	Eg. Fracture Toughness, Fatigue, YS, UTS				*Type of Welding, No. of joints, Components details which are to be welded, Material type, WPS & PQR Status approved or not? Vendor details	

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

Version : 2.0

Date: August 2023