



NRMCA 100 – 202X SUBCOMMITTEE TASK

PROVISIONS FOR CONCRETE WITH GLASS FIBER REINFORCED POLYMER

TERMS OF REFERENCE (TOR)

- **Scope**
This subtask will focus on developing relevant glass fiber reinforced polymer (GFRP) content for integration into key portions of NRMCA 100. This may include, but not limited to adapting key design tables and figures, reference equations and specifications from locations in places like ACI among others.
- **Project Objectives**
 - a. Develop a roadmap on how provisions for concrete reinforced with GRFP can be integrated into NRMCA 100. This may be include developing a new chapter, subsections of existing chapter, material content and other details.
 - b. Determine which content of existing standards best aligns with the scope of NRMCA – example, ACI 440 11-22 “Building Code Requirements for Structural Concrete Reinforced with Glass Fiber-Reinforced Polymer (GFRP) Bars—Code and Commentary”.
 - c. Prepare the text, figures and tables based on (b) for consideration into NRMCA 100.
 - d. Liaise with NRMCA to receive relevant copyright of materials to be integrated into NRMCA.

Work Activity	Comments	Nominated Lead/Consultant	Support/alternate
Glass Fiber Reinforced Polymer (GFRP)	Addition of provisions for concrete reinforced with GFRP.	Will Gold	Linked to Item (1) Ahmed-Mohti

Key Reference

<https://www.concrete.org/store/productdetail.aspx?ItemID=44011U22&Language=English&Units=US Units>