PURPOSE & SCOPE
The Test Technician role is a vital part of an international team of innovators that collaborate to solve critical problems related to the agricultural industry through the development of machinery. These individuals are provided a unique experience in which their problem solving abilities are tested while they develop their hands-on experience working with prototype machinery. The Test Technician will use their unique perspectives to be an integral part of the research and development of agricultural prototypes through field and lab tests. Term start date options: May 2023.

PRIMARY JOB RESPONSIBILITIES
• Work with a variety levels of leadership in the Test Department to manage the day to day for field testing activities of prototype machines
• Liaise with leadership in performing and completing the verification and validation requirements of their prototype machines
• Use project management software to efficiently compile information and prepare reports which are used in the decisions of the engineering design process
• Work with the members of the Engineering Shop, Test Engineering and Design Engineering as needed in preparing machines and equipment/tools for testing
• Coordinate with Design Engineers on the performance of various systems and processes
• Observe test machines in the field and lab, gather electronic data using data acquisition, make valued judgments and discuss observations with customers and team members
• Design and fabricate testing jigs and apparatuses to collect and replicate field-testing conditions.
• Analyze and present data through the completion of detailed engineer test reports in conjunction with the Test Leaders
• Other duties as assigned

QUALIFICATIONS

Required
• Enrolled in (or graduated from) University Engineering or College Engineering Technology program
• Excellent communication skills; Oral and Written
• Proficient in Windows and Office Software
• Good interpersonal relations
• Available to travel over extended periods of time
• Strong Mechanical abilities - experience with machinery repairs
• Ability to work in both team situations and independently
• Must hold and maintain valid driver's license and be able to travel in USA and Canada
  *Approx. 95% of the time will be spent in the USA*

Preferred
• Experience working with data acquisition systems, sensors and strain gauges
• Possess a strong passion for agriculture
• Highly motivated individuals with strong organizational skills
• Ability to adapt and willing to learn in various situations
• Intuitive, self-motivated and hard working with lots of patience
• Exceptional customer service skills
• Good planning and administration abilities
• Ability to obtain a Class A commercial driver's license is an asset

Interested applicants can submit resume and cover letter to Yuliia Saikina at ysaikina@macdon.com