

AGCO JOB POSITION DESCRIPTION



FUNCTION: Gold Harvesting Engineering

POSITION TITLE: Combine Field Test Engineer- EME

REPORTS TO: Field Test Supervisor - EME

LOCATION: Breganze, Italy

Job Grade: Bachelor or Master Degree in Agricultural or Mechanical Engineering

When: Immediate availability

I. POSITION PURPOSE:

This position is supporting and processing the planning, coordination and reporting of Field tests in EME. This includes:

- Processing of field test site activities during the test season
- Reporting of incidents and events by AGCO reporting tools
- Planning and follow-up of Field Test activities at the Test Site and Machine Test Unit in tight accordance with the team
- Ensure test units and equipment are updated to align with requirements to fulfill test requests
- Assist in Lab test activities during off-Season
- Reporting of Field test results
- Partially participate in PRB activities (Problem Review Board)
- Contribute to optimization of current and new Field test equipment and procedures

II. MAJOR ACCOUNTABILITY:

KEY MEASUREMENT:

<ul style="list-style-type: none">• Control and plan own activities in close coordination with other team members in projects.	<ul style="list-style-type: none">• Effective and reliable deliverables within the projected time line
<ul style="list-style-type: none">• Representative Field tests and analysis	<ul style="list-style-type: none">• The definitions of the Field tests has a strong correlation to real life use
<ul style="list-style-type: none">• Plans the tests, according to standards or best practices	<ul style="list-style-type: none">• The test is carried out without questions to validity.
<ul style="list-style-type: none">• Report field events with determined root causes	<ul style="list-style-type: none">• Clear reporting and open communication enabling the Engineering team solving problems

III. **FUNCTIONAL KNOWLEDGE:**

Technical expertise to conduct Field Test activities and evaluate and analyze test results.

This role requires the job holder to have good knowledge of combine harvesters and other agricultural machinery and processes.

Functional Expert knowledge to fully accomplish position requirements are:

- The basic function in agricultural machinery like tractors, implements and combine harvesters
- Combine Harvester Material flow; Software, Man Machine Interface, Hydraulic and Electrical Schematics
- Methodically search for root cause of events
- Logistic in modern agriculture
- Servicing and repair of machines
- Data acquisition on component, system or full vehicle level.
- Technology testing and validation

IV. **BUSINESS EXPERTISE:**

Job holder needs to have the business acumen to understand the requirements of the internal and external customers and stakeholders. The role requires the job holder to have a good understanding of Mechanical, Electrical, Software, Man/Machine Interface, Hydraulic designs and combine harvester physics in order to design test plans and equipment accordingly.

Individual must have:

- Experience with hydraulic systems, mechanical drives, electrical systems and other machine components
- Good skills in working with MS-Office and others
- Good capability for data analysis
- Good Communication Skills and Conveyance of the information to the Engineering team
- Innovative mind set to create new smart solutions, by thinking out of the “box”
- Experience with CAD and PDM systems

V. **DYNAMIC IDENTITY:**

The job holder conducts and coordinates field test activities in EME (Europe), requiring self-employment skills and the ability to work and manage within a multi-site environment along with day to day communication with farmers and their staff.

Collaborate and leading the test technicians and operators towards delivering the Field test tasks and results.

Teamwork skills are required as the employee will be working in teams internal at the site and across to other AGCO sites along with local interaction with field test host

VI. **PROBLEM SOLVING:**

This job requires a good ability to solve technical, electrical and hydraulic problems on components, systems or full vehicle level.

VII. **NATURE OF IMPACT**

This job has an impact on the Global Combine Business through margin improvements and Sales and Marketshare increase.

VIII. **AREA OF IMPACT:**

The job holder will have an impact on the technical design, development and test of Combine harvesters in terms of Functional design, new sellable features, improved product reliability and lower amount of warranty issues according the Corporate targets.

IX. INTERPERSONAL SKILLS:

This job requires the ability to work with multiple sites and understand differences across cultures. The job holder requires the following interpersonal skills in order to successfully execute job responsibilities:

- Well-developed technical skills
- Good verbal and written communication skills to convey ideas, asking for guidance, present problems discovered, propose resolutions and generate test reports
- Ability to address and resolve issues in an objective, fact-based, professional fashion
- Ability to inspire confidence in project sponsors, owners and participants
- Willingness to travel as required based to understand and participate in test and validation activities
- Strong team work skills

X. QUALIFICATIONS AND EXPERIENCE:

The job holder will have the following minimal and preferred qualifications:

- Bachelor or Master Degree in Agricultural, Mechanical, Mechatronic or Electrical engineering
- In depth experience with combine harvesters and other agricultural machinery either as operator, repairman or grew up on a farm
- Skilled technician / repairman of agricultural machinery or a background in the agriculture
- Fluent English linguistic skills – Secondary languages are also preferred.

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