

Industrial Electronics Technician

Practical EXAM Part 2

Wieland Metals

Practice Day and Equipment Drop off:

Date: June 22

Time: 8am-3pm

Location: Wieland Metals, 707 Northgate Pkwy, Wheeling, IL 60090 – park between the two buildings and you will enter the south building that actually has an address of 567

Room: Contact at check in – Tony Rubino (847-271-0450)

- **June 22** – From 8am to 3pm apprentices taking the practical exam at Wieland on June 23, 24, 25 are allowed optional practice time to:
 - Practice on manual machining equipment
 - Check tooling available, pneumatic connections, and plug connections for use and accessibility for the day of testing.
 - Set up and practice commissioning their test cabinets

Practical equipment should be set up in “exam ready” state (not-powered up, but proper assembly according to yellow for Part 1 or Yellow phase 2 for Part 2) when you leave or stored at the test site if you are not testing first. Please label equipment, tools, and binders. All material/tools should be stored in an organized and neat manner, (including Part 2 binders with all your preparation work and drawings for the practical exam).

- **June 23rd test takers:** If you are testing on the 23rd, you must bring equipment/tools to practice day and store it already set up in the testing room for the next day.
- **June 24th test takers:** If you are not testing on the 23rd, you may bring equipment/tools to practice day on June 22nd and store it at Wieland until your exam day. Set up can be done between 4:30 and 5:30pm on June 23rd (after testing is done) or the morning of your exam beginning as early as 7:00am.
- **June 25th test takers:** If you are not testing on the 23rd or 24th, you may bring equipment/tools to practice day on June 22nd and store it at Wieland until your exam day. Set up can be done 4:30pm and 5:30pm on June 24th (after testing is done) or the morning of your exam beginning as early as 7:00am.

Additional resources that should be brought to and used during the practical exam:

- Non-communicable, non-programmable, battery-operated calculator with trig capabilities – a basic calculator will be available in the test platform
- Blue Mechanical and Metal Trades Handbook and for Mechatronics also the Red Electrical Engineering Handbook
- A collection of formulas (one single-sided 3x5 index card of formulas that you believe might be necessary during the exam such as feeds and speeds, force...etc)
- Pen, Pencil and Drawing tools
- **Part 2** – Exam Binder

NO PHONES Allowed during testing

TEST DATES and TIMES:**Date:** June 23-25**Time:** IET **Part 2 7:45am start** - please arrive 30 min before start to check-in**Location:** Wieland Metals, 707 Northgate Pkwy, Wheeling, IL 60090 - park between the two buildings and you will enter the south building that actually has an address of 567**Room:** Contact at check in – Tony Rubino (847-271-0450)

First Name	Last Name	Company	Practical Start
Diego	Lara-Garcia`	Mondelez International	Tues. June 24 @ 7:45am CT
Andres	Cano	Mondelez International	Wed. June 25 @ 7:45am CT

PRACTICAL EXAM AGENDA

- 7:00 am** **Part 2** arrival, sign in, apprentice final check and prep of equipment
Part 2 Apprentices must have their exam binders and be prepared to show and save your PLC program as a PDF to send to GACC representative on site. The Exam Board will check your binders once more before you begin.
- 7:45 am** **Part 2** Instructions provided - apprentices receive their exam assignment for the day.
- ~8:00 am** **Part 2** Start of 6 hour practical task – each apprentice will have a supplied timer. At any point during this time the exam board will ask you technical questions related to your project. This is part of the “technical discussion” portion of your exam. Each apprentice will keep their supplied timer in a visible spot during testing.
- ~12:00 pm** 30-minute lunch break – the time will be limited. All must break at the same time. Please bring your own lunch!
- ~12:30 pm** All resume practical exam
Reminder: Apprentices should be ready to commission their system with an Exam Board member with 1.5-2 hours remaining. Your exam time will be stopped should an Exam Board member not be available to walk through the commissioning of your system with you and you must wait.
- ~2:30 pm** **Part 2** approximate end time, timers will hold official end time - Apprentices finish, clean up, unless your time was stopped due to limited exam board resources available, in that case you will have time remaining. Do not leave until an Exam Board member has dismissed you. Plan for as late as 6:00pm.
- ~6:00 pm** **Exam board wrap-up evaluations**