

*Your local **gas generation** partner*



**[PEAK Protected]**<sup>TM</sup>

Installation Qualification/  
Operational Qualification

**Completed  
on-site**

by your  
local Peak  
Engineer at  
**a time that  
suits you**



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## **IQ/OQ Certification**

### **Providing certified assurance for your laboratory applications**

Peak Scientific gas generators define the industry benchmark for reliable, consistent and convenient gas supply for analytical instruments in laboratories the world over.

However, sometimes it is not enough that your laboratory gas generator performs to the manufacturers' standards; it may also need to meet the strict regulatory requirements outlined by the Food and Drug Administration (FDA) or equivalent EU regulatory bodies.

Here at Peak Scientific, we understand the increasing need for validation and regulatory compliance. With customer service and support at the very core of everything we do, we have developed a comprehensive Installation and Operational Qualification certification service for customers who require additional certified assurance for their analytical applications.

The Peak Scientific IQ/OQ certification service is tailored to your specific gas generator. It delivers a cost effective & efficient solution to help you achieve and maintain regulatory compliance.

In addition to our highly trained and dedicated Service Engineer completing the Installation and Operational validation, we will also provide full certification to document this process, ensuring accurate proof of compliance.

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What is IQ?

# Installation Qualification

IQ is the detailed check of the equipment installation covering its component parts and its location on-site. The main aim of IQ is to provide documented confirmation that the gas generator is physically fit for purpose, comes with all relevant documentation and its operating environment meets manufacturer specified guidelines.

Once your dedicated Service Engineer has completed the review of the installation review and confirmed the generator is configured correctly, you can be assured that your equipment is set up correctly.

## YOUR CERTIFIED IQ/OQ PEAK SCIENTIFIC ENGINEER WILL:

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- Compare the equipment received with the purchase order including: accessories, firmware and relevant documentation such as operation manuals

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  - Check the gas generator for possible damage during the delivery process

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  - Assess the environment that the gas generator will be placed in, making sure there is adequate ventilation

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  - Review hazard and safety precautions for the area of use, including materials that may come into contact with the generator and/or personnel

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  - Perform an installation functionality check and produce an installation report

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  - Record all relevant activities and actions and sign all relevant documentation

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  - Complete a certificate of conformity

NB: IQ does not include the actual installation of the generator. Physical installation can be requested at an additional cost.



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## What is OQ?

# Operational Qualification

### DESCRIPTION

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Once the gas generator installation has been validated, your Peak Service Engineer can complete an Operational Qualification to verify that the equipment functions in accordance with manufacturer specifications. The Service Engineer will also confirm that the gas generator satisfies the requirements of your instrument based on its agreed metrics.

### YOUR CERTIFIED IQ/OQ PEAK SERVICE ENGINEER WILL:

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- Ensure the gas generator is functioning to the acceptable standard by testing the generator's specification parameters and ranges against the technical specifications of the equipment
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- Perform basic training with the generator to ensure your team are able to use it as intended, safely and with confidence
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- On completion of the OQ, all operational tests will be documented, the results validated and all relevant certificates completed & signed

### WHEN SHOULD I CARRY OUT AN OQ?

- 
- When the generator is installed or relocated
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- On a periodic basis in accordance with your standard operating procedures
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- After a major repair
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- Before a previously installed system is used in a regulated test environment for the first time

# IQ/OQ How does it work?

Peak Scientific's IQ/OQ is tailored to your specific generator

You **request IQ/OQ**

**IQ/OQ documentation**  
sent to you

Your generator is  
**installed\***

Peak **Service Engineer**  
completes IQ/OQ on-site

Were there any irregularities found  
during **IQ/OQ process**?

**Yes**

**No**



Peak Field Service Engineer will  
**resolve the issue on-site**



IQ/OQ validation documentation  
completed and **certificate given**  
for customer's company records

\*If you need a Peak Field Service Engineer to install your generator, this can be requested at an additional cost.

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Why Peak for IQ/OQ?

# Gas generator **experts**

Peak's Field Service Engineers are best positioned to provide the IQ/OQ certification your industry requires, because they have been rigorously trained on Peak gas generator systems and work with them day in, day out.

## YOUR CERTIFIED IQ/OQ PEAK SERVICE ENGINEER IS:

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- Trained in-house by a team with decades of gas generator systems experience

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  - Re-tested annually to ensure they continue to meet Peak's high standards

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  - Local to you, with dedicated engineers located throughout the world

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  - Supported by specialists across many fields from gas chromatography users to worldwide logistics





- Local Peak Office
- Direct Peak Field Service Engineer Location

No matter your laboratory size or specific analytical application, Peak Scientific can assist you in improving and verifying your laboratory's performance. With a local direct presence in over 20 countries across every continent around the world, Peak Scientific has highly trained and fully certified Field Service Engineers on hand to assist you soon after your instrument delivery, minimizing any delay or downtime and maximizing your laboratory's productivity.

To discuss our IQ/OQ services please speak to your local Peak Representative or for further information please contact our dedicated service team at: [protected@peakscientific.com](mailto:protected@peakscientific.com).

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