

HHOG Labs

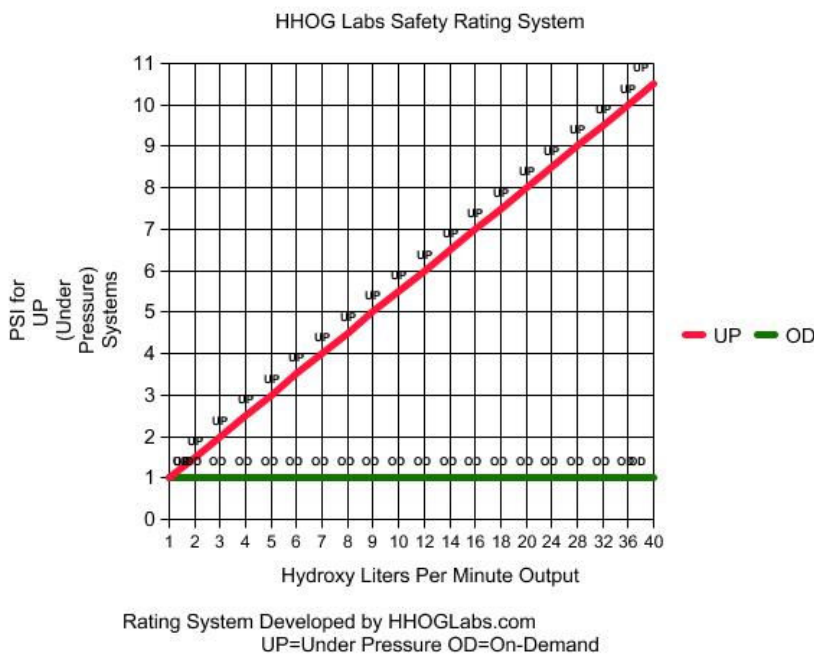
Safety Rating System

In an effort to reduce confusion surrounding safety ratings on Hydroxy Systems and Safety Devices, we have developed an internal rating system for our safety devices.

It consists of two types of Hydroxy Systems: **On-Demand Systems** and **Under Pressure Systems**. A device can be given either a success rating, a failure rating, or both. Many times a device tested for On-Demand systems with the same output, may fail when under pressure. Hopefully, this rating system will simplify your understanding of how we test and rate our devices.

A device that is tested and certified for **On-Demand** systems starts with **OD**. Then the LPM is listed. This rating refers to a system that produces NO MORE than 1-PSI (Pounds-Per-Square-Inch) backpressure on the device it is attached to.

A device tested and certified for **Under Pressure** systems starts with the PSI pressure rating first. The **UP** certification label comes next. Then the LPM is listed. This rating refers to systems that produce MORE THAN 1-PSI backpressure on the device it is attached to. Many times, these systems use storage tanks to store Hydroxy under more than 1-PSI pressure.



For EXAMPLE:

OD Certification:

A device that has been tested under the following conditions would receive a HHOG Labs Rating of “OD5”

- 1) The test was performed under NO MORE than 1PSI backpressure.
- 2) The test was performed with NO LESS than 5 LPM output.

UP Certification:

A Device that has been tested under the following conditions would receive a HHOG Labs Rating of “2UP5”

- 1) The test was performed under NO LESS than 2PSI backpressure
- 2) The test was performed with NO LESS than 5 LPM output.