

**TECHNICAL TERMS, UNITS, ACRONYMS AND ABBREVIATIONS
FOR THE CRAFT BEVERAGE PRODUCER**

AA	alpha acids
ABV	alcohol by volume
ABW	alcohol by weight
AED	automated external defibrillator
APR	air-purifying respirator
ATC	automatic temperature compensation
Bbl (bbl)	beer barrel, equal to 31.0 US gals
BBP	bloodborne pathogens
BBS	behavior-based safety
BBT	bright (or brite) beer tank
BK	brew kettle
BOD	biological oxygen demand
BP	brewpub
BTU	British thermal unit
CAS	Chemical Abstracts Service (Number)
CCV	cylindrical vessel
CCVM	condenser controlled vapor management (a type of still design)
CD	crusher/destemmer
cfm	cubic feet per minute
CFR	Code of Federal Regulations
CH ₄	methane
CIP	clean in place
ClO ₂	chlorine dioxide
CM	cooling management (a type of still design)
CO	carbon monoxide
CO ₂	carbon dioxide
COD	chemical oxygen demand
CS	cask strength, same as barrel proof
CS	confined space
dB	decibels
dB(A)	decibels A-Scale
DE	diatomaceous earth
DSP	distilled spirits plant (number)
EHS	environmental health and safety
EPDM	ethylene-propylene diene monomer
EPR	ethylene propylene
FEP	fluorinated ethylene propylene
fp	flash point
FR	flame resistant
FV	fermenting (or fermentation) vessel
GC	gas chromatography
GFCI	ground fault circuit interrupter
GHS	Globally Harmonized System
GNS	grain neutral spirits
gpm	gallons per minute
H ₂ O ₂	hydrogen peroxide

Whalen Insurance
71 King Street
Northampton MA 01060
Phone: 413-586-1000
Fax: 413-585-0401

Craft Beverage Insurance
Nationwide Since 1987
www.breweryinsurance.com



**TECHNICAL TERMS, UNITS, ACRONYMS AND ABBREVIATIONS
FOR THE CRAFT BEVERAGE PRODUCER**

H ₂ SO ₄	sulfuric acid
H ₃ PO ₄	phosphoric acid
HB	hop back
HCl	hydrochloric acid
HNO ₃	nitric acid
HX	heat exchanger
I ₂ P ₂	injury and illness prevention plan (or program)
IAQ	indoor air quality
ID	inside diameter
IDLH	immediately dangerous (or detrimental) to life and health
IR	infrared
JSA	job safety analysis
LCD	liquid crystal display
LDPE	low-density polyethylene
LED	light-emitting diode
LEL	lower explosive limit, see UEL
LLDPE	linear low-density polyethylene
LM	liquid management (a type of still design)
LOTO	lockout/tagout
lpg	liquefied propane gas
lpm	liters per minute
LT	lauter tun
mg/m ³	milligrams per cubic meter
mil	1 mil equals 1/1000 of an inch
MM	malt mill
mppcf	million particles per cubic foot
MT	mash tun
N ₂	nitrogen gas
NAS	non-age stated
NEC	National Electric Code
NFC	National Fire Code
NFR	National Fire Rating
ng	natural gas
NPT	National Pipe Thread
NPTF	National Pipe Thread Fine
NRR	noise reduction rating
NTP	normal temperature and pressure; also, National Toxicology Program
O ₂	oxygen gas
OD	outside diameter
ORM	other regulated material
ORP	oxidation-reduction potential
PAA	peracetic acid, a.k.a., peroxyacetic acid
PAPR	powered air-purifying respirator
PC	product condenser
PEL	permissible exposure limit
Pf	proof

Whalen Insurance
71 King Street
Northampton MA 01060
Phone: 413-586-1000
Fax: 413-585-0401

Craft Beverage Insurance
Nationwide Since 1987
www.breweryinsurance.com



**TECHNICAL TERMS, UNITS, ACRONYMS AND ABBREVIATIONS
FOR THE CRAFT BEVERAGE PRODUCER**

PFAS	personal fall arrest system
pH	hydrogen ion concentration, literally” potential hydrogen
ppb	parts per billion, 1×10^{-9}
PPE	personal protective equipment
ppm	parts per million, 1×10^{-6}
PRCS	permit-required confined space
PS	pot still
psi	pounds per square inch
psig	pounds per square inch gauge
PSM	process safety management
RC	reflux condenser
REL	recommended exposure limit
RMS	root mean squared
RO	reverse osmosis
RS	residual sugar
RTK	Right-to-Know
SCBA	self-contained breathing apparatus
SDS	safety data sheet
SiO ₂	silica
SPC	sodium percarbonate, a.k.a. sodium peroxy carbonate
SPCC	spill prevention, control and countermeasures
SRL	self-retracting lifeline
SRM	Standard Reference Method
SS or S/S	stainless steel
STEL	short-term exposure limit
SV	serving vessel
TA	tritratable acidity
TC	tri-clamp, a.k.a. clover clamp
TDS	total dissolved solids
TLV	threshold limit value
TR	tasting room
TSP	trisodium phosphate
TSS	total suspended solids
TWA	time-weighted average
UEL	upper explosive limit, see LEL
UFC	Uniform Fire Code
USP	United States Pharmacopoeia
UV	ultraviolet
VA	volatile acidity
VM	vapor management (a type of still design)
VOC	volatile organic compound
WBGT	wet bulb globe temperature
WHMIS	Workplace Hazardous Materials Information System
WP	whirlpool
YO	years old

Whalen Insurance
71 King Street
Northampton MA 01060
Phone: 413-586-1000
Fax: 413-585-0401

Craft Beverage Insurance
Nationwide Since 1987
www.breweryinsurance.com

