

Brewers Association

2006 Beer Style Guidelines

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Since 1979 the Brewers Association has provided beer style descriptions as a reference for brewers and beer competition organizers. Much of the early work was based on the assistance and contributions of beer journalist Michael Jackson. The task of creating a realistic set of guidelines is always complex. The beer style guidelines developed by the Brewers Association use sources from the commercial brewing industry, beer analyses, and consultations with beer industry experts and knowledgeable beer enthusiasts as resources for information.

The Brewers Association' beer style guidelines reflect, as much as possible, historical significance, authenticity or a high profile in the current commercial beer market. Often, the historical significance is not clear, or a new beer in a current market may be only a passing fad, and thus, quickly forgotten. For these reasons, the addition of a style or the modification of an existing one is not undertaken lightly and is the product of research, consultation and consideration of market actualities, and may take place over a period of time. Another factor considered is that current commercial examples do not always fit well into the historical record, and instead represent a modern version of the style. Our decision to include a particular historical beer style takes into consideration the style's brewing traditions and the need to preserve those traditions in today's market. The more a beer style has withstood the test of time, marketplace, and consumer acceptance, the more likely it is to be included in the Brewers Association's style guidelines.

The availability of commercial examples plays a large role in whether or not a beer style "makes the list." It is important to consider that not every historical or commercial beer style can be included, nor is every commercial beer representative of the historical tradition (i.e., a brewery labeling a brand as a particular style does not always indicate a fair representation of that style).

Please note that almost all of the classic and traditional beer style guidelines have been cross-referenced with data from commercially available beers representative of the style. The data referenced for this purpose has been Professor Anton Pendl's comprehensive work published in the German *Brauindustrie* magazine through the years 1982 to 1994, from the series "Biere Aus Aller Welt."

Each style description is purposefully written independently of any reference to another beer style. Furthermore, as much as it is possible, beer character is not described in terms of ingredients or process. These guidelines attempt to emphasize final evaluation of the product and try not to judge or regulate the formulation or manner in which it was brewed, except in special circumstances that clearly define a style.

If you have suggestions for adding or changing a style guideline, write to us, making sure to include reasons and documentation for why you think the style should be included.

The bitterness specifications (IBUs) given in these guidelines are based on standard measurements for bitterness derived from kettle isomerization of naturally occurring alpha acids. Since reduced isomerized hop extracts may produce substantially different perceived bitterness levels when measured by this technique, brewers who use such extracts should enter based upon the perceived bitterness present in the finished product.

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ALE STYLES

BRITISH ORIGIN

Classic English-Style Pale Ale

Classic English pale ales are golden to copper colored and display earthy, herbal English-variety hop character. Note that “earthy, herbal English-variety hop character” is the perceived end, but may be a result of the skillful use of hops of other national origins. Medium to high hop bitterness, flavor, and aroma should be evident. This medium-bodied pale ale has low to medium malt flavor and aroma. Low caramel character is allowable. Fruity-ester flavors and aromas are moderate to strong. Chill haze may be in evidence only at very cold temperatures. The absence of diacetyl is desirable, though, diacetyl (butterscotch character) is acceptable and characteristic when at very low levels..

Original Gravity (°Plato):

1.040-1.056 (10-14 °Plato)

Apparent Extract/Final Gravity (°Plato): 1.008-1.016 (2-4 °Plato)

Alcohol by Weight (Volume):

3.5-4.2% (4.5-5.5%)

Bitterness (IBU): 20-40

Color SRM (EBC): 5 - 14 (10-28 EBC)

English-Style India Pale Ale

India pale ales are characterized by medium-high hop bitterness with a medium to high alcohol content. Hops from a variety of origins may be used to contribute to a high hopping rate. Earthy and herbal English-variety hop character is the perceived end, but may be a result of the skillful use of hops of other national origins.. The use of water with high mineral content results in a crisp, dry beer, sometimes with subtle and balanced character of sulfur compounds. This pale gold to deep copper-colored ale has a medium to high, flowery hop aroma and may have a medium to strong hop flavor (in addition to the hop bitterness). English-style India pale ales possess medium maltiness and body. Fruity-ester flavors and aromas are moderate to very strong. Diacetyl can be absent or may be perceived at very low levels. Chill haze is allowable at cold temperatures.

(English and citrus-like American hops are considered enough of a justifying separate American-style IPA and English-style IPA categories or subcategories. Hops of other origins may be used for bitterness or approximating traditional American or English character. See American-style India Pale Ale

Original Gravity (°Plato):

1.050-1.064 (12.5-15.7 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.012-1.018 (3-4.5 °Plato)

Alcohol by Weight (Volume):

4-5.6% (5-7%)

Bitterness (IBU): 35-50

Color SRM (EBC): 6-14 (12-28 EBC)

Ordinary Bitter

Ordinary bitter is gold to copper colored with medium bitterness, light to medium body, and low to medium residual malt sweetness. Hop flavor and aroma character may be evident at the brewer’s discretion. Mild carbonation traditionally characterizes draft-cask versions, but in bottled versions, a slight increase in carbon dioxide content is acceptable. Fruity-ester character and very low diacetyl (butterscotch) character are acceptable in aroma and flavor, but should be minimized in this form of bitter. Chill haze is allowable at cold temperatures. (English and American hop may be specified in subcategories)

Original Gravity (°Plato):

1.033-1.038 (8-9.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.012 (1.5-3 °Plato)

Alcohol by Weight (Volume):

2.4-3.0% (3-3.7%)

Bitterness (IBU): 20-35

Color SRM (EBC): 8-12 (16-24 EBC)

Special Bitter or Best Bitter

Special bitter is more robust than ordinary bitter. It has medium body and medium residual malt sweetness. It is gold to copper colored. Hop bitterness should be medium and absent of harshness. Hop flavor and aroma character may be evident at the brewer's discretion. Mild carbonation traditionally characterizes draft-cask versions, but in bottled versions, a slight increase in carbon dioxide content is acceptable. Fruity-ester character is acceptable in aroma and flavor. Diacetyl (butterscotch character) is acceptable and characteristic when at very low levels. The absence of diacetyl is also acceptable. Chill haze is allowable at cold temperatures. (English and American hop may be specified in subcategories)

Original Gravity (°Plato):

1.038-1.045 (9.5-11 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.012 (1.5-3 °Plato)

Alcohol by Weight (Volume):

3.3-3.8% (4.1-4.8%)

Bitterness (IBU): 28-46

Color SRM (EBC): 8-14 (16-28 EBC)

Extra Special Bitter or Strong Bitter

Extra special bitter possesses medium to strong hop aroma, flavor, and bitterness. The residual malt sweetness of this richly flavored, full-bodied bitter is more pronounced than in other bitters. It is light amber to copper colored with medium to medium-high bitterness. Mild carbonation traditionally characterizes draft-cask versions, but in bottled versions, a slight increase in carbon dioxide content is acceptable. Fruity-ester character is acceptable in aroma and flavor. Diacetyl (butterscotch character) is acceptable and characteristic when at very low levels. The absence of diacetyl is also acceptable. Chill haze is allowable at cold temperatures. English or American hops may be used. (*English and American hop may be specified in subcategories*)

Original Gravity (°Plato):

1.046-1.060 (11.5-15 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.010-1.016 (2.5-4 °Plato)

Alcohol by Weight (Volume):

3.8-4.6% (4.8-5.8%)

Bitterness (IBU): 30-55

Color SRM (EBC): 8-14 (16-28 EBC)

English Summer Ale

English Summer Ale is light straw to golden colored with medium-low to medium bitterness, light to medium-light body, and low to medium residual malt sweetness. Torrefied and/or malted wheat are often used in quantities of 25% or less. Malt flavor may be biscuit-like. English, American or Noble-type hop, character, flavor and aroma are evident and may or may not be assertive yet always well balanced with malt character. Mild carbonation traditionally characterizes draft-cask versions. In bottled versions, normal or lively carbon dioxide content is appropriate. The overall impression is refreshing and thirst quenching. Fruity-ester characters are acceptable at low to moderate levels. No butterscotch-like diacetyl nor sweet corn-like dimethylsulfide (DMS) should be apparent in aroma or flavor. Chill haze is allowable at cold temperatures.

Original Gravity (°Plato):

1.036-1.050 (9-12.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.012 (1.5-3 °Plato)

Alcohol by Weight (Volume):

2.9-4% (3.6-5%)

Bitterness (IBU): 20-35

Color SRM (EBC): 4-8 (8-16 EBC)

Scottish-Style Light Ale

Scottish light ales are light bodied. Little bitterness is perceived and hop flavor or aroma should not be perceived. Despite its lightness, Scottish light ale will have a degree of malty, caramel like, soft and chewy character. Yeast characters such as diacetyl (butterscotch) and sulfuriness are acceptable at very low levels. The color will range from golden amber to deep brown. Bottled versions of this traditional draft beer may contain higher amounts of carbon dioxide than is typical for mildly carbonated draft versions. Chill haze is acceptable at low temperatures. Though there is little evidence suggesting that traditionally made Scottish-style light ales exhibited peat smoke character, the current marketplace offers many Scottish-style light ales with peat or smoke character present at low to medium levels. Thus a peaty/smoky character may be evident at low levels (ales with medium or higher smoke character would be considered a smoke flavored beer and considered in another category). *Scottish-style light ales may be split into two subcategories: Traditional (no smoke character) and Peated (low level of peat smoke character).*

Original Gravity (°Plato):
1.030-1.035 (7.5-9 °Plato)
Apparent Extract/Final Gravity (°Plato):
1.006-1.012 (1.5-3 °Plato)
Alcohol by Weight (Volume):
2.2-2.8% (2.8-3.5%)
Bitterness (IBU): 9-20
Color SRM (EBC): 8-17 (16-34 EBC)

Scottish-Style Heavy Ale

Scottish heavy ale is moderate in strength and dominated by a smooth, sweet maltiness balanced with low, but perceptible, hop bitterness. Hop flavor or aroma should not be perceived. Scottish heavy ale will have a medium degree of malty, caramellike, soft and chewy character in flavor and mouthfeel. It has medium body, and fruity esters are very low, if evident. Yeast characters such as diacetyl (butterscotch) and sulfuriness are acceptable at very low levels. The color will range from golden amber to deep brown. Bottled versions of this traditional draft beer may contain higher amounts of carbon dioxide than is typical for mildly carbonated draft versions. Chill haze is acceptable at low temperatures. Though there is little evidence suggesting that traditionally made Scottish-style heavy ales exhibited peat smoke character, the current marketplace offers many Scottish-style heavy ales with peat or smoke character present at low to medium levels. Thus a peaty/smoky character may be evident at low levels (ales with medium or higher smoke character would be considered a smoke flavored beer and considered in another category). *Scottish-style heavy ales may be split into two subcategories: Traditional (no smoke character) and Peated (low level of peat smoke character).*

Original Gravity (°Plato):
1.035-1.040 (9-10 °Plato)
Apparent Extract/Final Gravity (°Plato):
1.0010-1.014 (2.5-3.5 °Plato)
Alcohol by Weight (Volume):
2.8-3.2% (3.5-4%)
Bitterness (IBU): 12-20
Color SRM (EBC): 10-19 (20-38 EBC)

Scottish-Style Export Ale

The overriding character of Scottish export ale is sweet, caramel like, and malty. Its bitterness is perceived as low to medium. Hop flavor or aroma should not be perceived. It has medium body. Fruity-ester character may be apparent. Yeast characters such as diacetyl (butterscotch) and sulfuriness are acceptable at very low levels. The color will range from golden amber to deep brown. Bottled versions of this traditional draft beer may contain higher amounts of carbon dioxide than is typical for mildly carbonated draft versions. Chill haze is acceptable at low temperatures. Though there is little evidence suggesting that traditionally made Scottish-style export ales exhibited peat smoke character, the current marketplace offers many Scottish-style export ales with peat or smoke character present at low to medium levels. Thus a peaty/smoky character may be evident at low levels (ales with medium or higher smoke character would be considered a smoke flavored beer and considered in another category). *Scottish-style export ales may be split into two subcategories: Traditional (no smoke character) and Peated (low level of peat smoke character).*

Original Gravity (°Plato):
1.040-1.050 (10-12.5 °Plato)
Apparent Extract/Final Gravity (°Plato):
1.010-1.018 (2.5-4.5 °Plato)
Alcohol by Weight (Volume):
3.2-4.2% (4.0-5.3%)
Bitterness (IBU): 15-25
Color SRM (EBC): 10-19 (20-38 EBC)

English-Style Pale Mild Ale

English pale mild ales range from golden to amber in color. Malt flavor dominates the flavor profile with little hop bitterness or flavor. Hop aroma can be light. Very low diacetyl flavors may be appropriate in this low-alcohol beer. Fruity-ester level is very low. Chill haze is allowable at cold temperatures.

Original Gravity (°Plato):

1.030-1.036 (7.5-9 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.004-1.008 (1-2 °Plato)

Alcohol by Weight (Volume):

2.7-3.2% (3.2-4.0%)

Bitterness (IBU): 10-24

Color SRM (EBC): 8-17 (16-34 EBC)

English-Style Dark Mild Ale

English dark mild ales range from deep copper to dark brown (often with a red tint) in color. Malt flavor and caramel are part of the flavor and aroma profile while, licorice and roast malt tones may sometimes contribute to the flavor and aroma profile. These beers have very little hop flavor or aroma. Very low diacetyl flavors may be appropriate in this low-alcohol beer. Fruity-ester level is very low.

Original Gravity (°Plato):

1.030-1.036 (7.5-9 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.004-1.008 (1-2 °Plato)

Alcohol by Weight (Volume):

2.7-3.2% (3.2-4.0%)

Bitterness (IBU): 10-24

Color SRM (EBC): 17-34 (34-68 EBC)

English-Style Brown Ale

English brown ales range from deep copper to brown in color. They have a medium body and a dry to sweet maltiness with very little hop flavor or aroma. Roast malt tones may sometimes contribute to the flavor and aroma profile. Fruity-ester flavors are appropriate. Diacetyl should be very low, if evident. Chill haze is allowable at cold temperatures.

Original Gravity (°Plato):

1.040-1.050 (10-12.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.014 (2-3.5 °Plato)

Alcohol by Weight (Volume):

3.3-4.7% (4-5.5%)

Bitterness (IBU): 15-25

Color SRM (EBC): 15-22 (30-44 EBC)

Old Ale

Dark amber to brown in color, old ales are medium- to full-bodied with a malty sweetness. Hop aroma should be minimal and flavor can vary from none to medium in character intensity. Fruity-ester flavors and aromas can contribute to the character of this ale. Bitterness should be minimal but evident and balanced with malt and/or caramel like sweetness. Alcohol types can be varied and complex. A distinctive quality of these ales is that they undergo an aging process (often for years) on their yeast either in bulk storage or through conditioning in the bottle, which contributes to a rich, often sweet and complex estery character. Some oxidation and diacetyl character may be evident and acceptable. Oak aged character is acceptable. Chill haze is acceptable at low temperatures. *(This style may often be split into two categories, strong and very strong.)*

Original Gravity (°Plato):

1.058-1.088 (15.5-21 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.014-1.030 (3.5-7.5 °Plato)

Alcohol by Weight (Volume):

5-7.2% (6-9%)

Bitterness (IBU): 30-65

Color SRM (EBC): 12-30 (24-60 EBC)

Strong Ale

Light amber to mid-range brown in color, strong ales are medium to full bodied with a malty sweetness. Hop aroma should be minimal and flavor can vary from none to medium in character intensity. Fruity-ester flavors and aromas can

contribute to the character of this ale. Bitterness should be minimal but evident and balanced with malt and/or caramel like sweetness. Alcohol types can be varied and complex. A rich, often sweet and complex estery character may be evident. This process often softens the perceived bitterness. Very low levels of diacetyl are acceptable. Chill haze is acceptable at low temperatures. (*This style may often be split into two categories, strong and very strong.*)

Original Gravity (°Plato):

1.060-1.125 (15-31.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.014-1.040 (3.5-10 °Plato)

Alcohol by Weight (Volume):

5.5-8.9% (7-11%)

Bitterness (IBU): 30-65

Color SRM (EBC): 8-21 (16-42 EBC)

Strong Scotch Ale

Scotch ales are overwhelmingly malty and full bodied. Perception of hop bitterness is very low. Hop flavor and aroma are very low or nonexistent. Color ranges from deep copper to brown. The clean alcohol flavor balances the rich and dominant sweet maltiness in flavor and aroma. A caramel character is often a part of the profile. Dark roasted malt flavors and aroma may be evident at low levels. Fruity esters are generally at medium aromatic and flavor levels. Low diacetyl levels are acceptable. Chill haze is allowable at cold temperatures. Though there is little evidence suggesting that traditionally made strong Scotch ales exhibited peat smoke character, the current marketplace offers many Scotch Ales with peat or smoke character present at low to medium levels. Thus a peaty/smoky character may be evident at low levels (ales with medium or higher smoke character would be considered a smoke flavored beer and considered in another category). *Strong Scotch Ales may be split into two subcategories: Traditional (no smoke character) and Peated (low level of peat smoke character).*

Original Gravity (°Plato):

1.072-1.085 (17.5-20.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.016-1.028 (4-7 °Plato)

Alcohol by Weight (Volume):

5.2-6.7% (6.2-8%)

Bitterness (IBU): 25-35

Color SRM (EBC): 12-30 (30-60 EBC)

Imperial Stout

Dark copper to very black, imperial stouts typically have a high alcohol content. The extremely rich malty flavor and aroma are balanced with assertive hopping and fruity-ester characteristics. Bitterness can be moderate and balanced with the malt character or very high in the darker versions. Roasted malt astringency and bitterness can be moderately perceived but should not overwhelm the overall character. Hop aroma can be subtle to overwhelmingly hop-floral, -citrus or -herbal. Diacetyl (butterscotch) levels should be very low. This style may be subcategorized into black and quite robust “American” versions and dark copper colored and caramel accented “European” versions.

Original Gravity (°Plato):

1.080-1.100 (19.5-23 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.020-1.030 (4-7.5 °Plato)

Alcohol by Weight (Volume):

5.5-9.5% (7-12%)

Bitterness (IBU): 50-80

Color SRM (EBC): 20+ (40+ EBC)

Other Strong Ales or Lagers

Any style of beer can be made stronger than the classic style guidelines. The goal should be to reach a balance between the style's character and the additional alcohol. Refer to this guide when making styles stronger and appropriately identify the style created (for example: double alt, triple fest, or quadruple Pilsener).

Other Low Strength Ales or Lagers

Any style of beer can be made lower in strength than described in the classic style guidelines. The goal should be to reach a balance between the style's character and the lower alcohol content. Beers entered in this category should not exceed 4.1% by volume (3.3% by weight). Refer to this guide when making styles lower in alcohol and appropriately identify the style created (for example: half-alt, singlefest, baby bock).

English-Style Barley Wine Ale

English style barley wines range from tawny copper to dark brown in color and have a full body and high residual malty

sweetness. Complexity of alcohols and fruity-ester characters are often high and counterbalanced by the perception of low to medium bitterness and extraordinary alcohol content. Hop aroma and flavor may be minimal to medium. Low levels of diacetyl may be acceptable. A caramel and vinous (sometimes sherrylike) aroma and flavor are part of the character. Chill haze is allowable at cold temperatures.

Original Gravity (°Plato):

1.085-1.120 (21.5-28 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.024-1.032 (6-8 °Plato)

Alcohol by Weight (Volume):

6.7-9.6% (8.4-12%)

Bitterness (IBU): 40-60

Color SRM (EBC): 14-22 (28-44 EBC)

Robust Porter

Robust porters are black in color and have a roast malt flavor but no roast barley flavor. These porters have a sharp bitterness of black malt without a highly burnt/charcoal flavor. Robust porters range from medium to full in body and have a malty sweetness. Hop bitterness is medium to high, with hop aroma and flavor ranging from negligible to medium. Fruity esters should be evident, balanced with roast malt and hop bitterness.

Original Gravity (°Plato):

1.045-1.060 (11-15 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.016 (2-4 °Plato)

Alcohol by Weight (Volume):

4.0-5.2% (5.0-6.5%)

Bitterness (IBU): 25-40

Color SRM (EBC): 30+ (60+ EBC)

Brown Porter

Brown porters are mid to dark brown (may have red tint) in color. No roast barley or strong burnt/black malt character should be perceived. Low to medium malt sweetness is acceptable along with medium hop bitterness. This is a light- to medium-bodied beer. Fruity esters are acceptable. Hop flavor and aroma may vary from being negligible to medium in character.

Original Gravity (°Plato):

1.040-1.050 (10-12.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.014 (1.5-3.5 °Plato)

Alcohol by Weight (Volume):

3.5-4.7% (4.5-6.0%)

Bitterness (IBU): 20-30

Color SRM (EBC): 20-35 (40-70 EBC)

Sweet Stout

Sweet stouts, also referred to as cream stouts, have less roasted bitter flavor and a full-bodied mouthfeel. The style can be given more body with milk sugar (lactose) before bottling. Malt sweetness, chocolate, and caramel flavor should dominate the flavor profile and contribute to the aroma. Hops should balance sweetness without contributing apparent flavor or aroma.

Original Gravity (°Plato):

1.045-1.056 (11-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.012-1.020 (3-5 °Plato)

Alcohol by Weight (Volume):

2.5-5% (3-6%)

Bitterness (IBU): 15-25

Color SRM (EBC): 40+ (80+ EBC)

Oatmeal Stout

Oatmeal stouts include oatmeal in their grist, resulting in a pleasant, full flavor and a smooth profile that is rich without being grainy. A roasted malt character which is caramellike and chocolatelike should be evident — smooth and not bitter. Coffee-like roasted barley and roasted malt aromas (chocolate and nut-like) are prominent. Bitterness is moderate, not high. Hop flavor and aroma are optional but should not overpower the overall balance if present. This is a medium- to full-bodied beer, with minimal fruity esters.

Original Gravity (°Plato):

1.038-1.056 (9.5-14 °Plato)
Apparent Extract/Final Gravity (°Plato):
1.008-1.020 (2-5 °Plato)
Alcohol by Weight (Volume):
3.0-4.8% (3.8-6%)
Bitterness (IBU): 20-40
Color SRM (EBC): 20+ (40+ EBC)

IRISH ORIGIN

Irish-Style Red Ale

Irish-style red ales range from light red-amber-copper to light brown in color. These ales have a medium hop bitterness and flavor. They often don't have hop aroma. Irish-style red ales have low to medium candy-like caramel sweetness and a medium body. The style may have low levels of fruity-ester flavor and aroma. Diacetyl should be absent. Chill haze is allowable at cold temperatures. Slight yeast haze is acceptable for bottle-conditioned products.

Original Gravity (°Plato):
1.040-1.048 (10-12 °Plato)
Apparent Extract/Final Gravity (°Plato):
1.010-1.014 (2.5-3.5 °Plato)
Alcohol by Weight (Volume):
3.2-3.6% (4-4.5%)
Bitterness (IBU): 20-28
Color SRM (EBC): 11-18 (22-36 EBC)

Classic Irish-Style Dry Stout

Dry stouts have an initial malt and light caramel flavor profile with a distinctive dry-roasted bitterness in the finish. Dry stouts achieve a dry-roasted character through the use of roasted barley. The emphasis of coffee-like roasted barley and a moderate degree of roasted malt aromas define much of the character. Some slight acidity may be perceived but is not necessary. Hop aroma and flavor should not be perceived. Dry stouts have medium-light to medium body. Fruity esters are minimal and overshadowed by malt, high hop bitterness, and roasted barley character. Diacetyl (butterscotch) should be very low or not perceived. Head retention and rich character should be part of its visual character.

Original Gravity (°Plato):
1.038-1.048 (9.5-12 °Plato)
Apparent Extract/Final Gravity (°Plato):
1.008-1.012 (2-3 °Plato)
Alcohol by Weight (Volume):
3.2-4.2% (3.8-5%)
Bitterness (IBU): 30-40
Color SRM (EBC): 40+ (80+ EBC)

Foreign (Export)-Style Stout

As with classic dry stouts, foreign-style stouts have an initial malt sweetness and caramel flavor with a distinctive dry-roasted bitterness in the finish. Coffee-like roasted barley and roasted malt aromas are prominent. Some slight acidity is permissible and a medium- to full-bodied mouthfeel is appropriate. Bitterness may be high but the perception is often compromised by malt sweetness. Hop aroma and flavor should not be perceived. The perception of fruity esters is low. Diacetyl (butterscotch) should be negligible or not perceived. Head retention is excellent.

Original Gravity (°Plato):
1.052-1.072 (13-17.5 °Plato)
Apparent Extract/Final Gravity (°Plato):
1.008-1.020 (2-5 °Plato)
Alcohol by Weight (Volume):
4.5-6% (5.7-7.5%)
Bitterness (IBU): 30-60
Color SRM (EBC): 40+ (80+ EBC)

Porter *See British Origin*

NORTH AMERICAN ORIGIN

American-Style Pale Ale

American pale ales range from deep golden to copper in color. The style is characterized by fruity, floral and citrus-like American-variety hop character producing high hop bitterness, flavor, and aroma. Note that “floral and citrus-like American-variety hop character” is the perceived end, but may be a result of the skillful use of hops of other national origins. American pale ales have medium body and low to medium maltiness. Low caramel character is allowable. Fruity-ester flavor and aroma should be moderate to strong. Diacetyl should be absent or present at very low levels. Chill haze is allowable at cold temperatures.

Original Gravity (°Plato):

1.044-1.050 (11-12.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.014 (2-3.5 °Plato)

Alcohol by Weight (Volume):

3.5-4.3% (4.5-5.5%)

Bitterness (IBU): 28-40

Color SRM (EBC): 6-14 (12-28 EBC)

American-Style Strong Pale Ale

American strong pale ales range from deep golden to copper in color. The style is characterized by American-variety hops used to produce high hop bitterness, flavor, and aroma. American pale ales have medium body and low to medium maltiness. Low caramel character is allowable. Fruity-ester flavor and aroma should be moderate to strong. Diacetyl should be absent or present at very low levels. Chill haze is allowable at cold temperatures.

Original Gravity (°Plato):

1.050-1.060 (12.5-15 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.016 (2-4 °Plato)

Alcohol by Weight (Volume):

4.4-5% (5.5-6.3%)

Bitterness (IBU): 35-48

Color SRM (EBC): 6-14 (12-28 EBC)

American-Style India Pale Ale

American-style India pale ales have intense hop bitterness, flavor and aroma with high alcohol content. The style is further characterized by fruity, floral and citrus-like American-variety hop character. Note that “fruity, floral and citrus-like American-variety hop character” is the perceived end, but may be a result of the skillful use of hops of other national origins. Hops from a variety of origins may be used to contribute to a high hopping rate, though importantly American-variety hop character with fruity, floral and citrus-like character is the perceived end, but may be a result of the skillful use of hops of other national origins. Hops from American origins are used to contribute to a high hopping rate. The use of water with high mineral content results in a crisp, dry beer. This pale gold to deep copper-colored ale has a full, flowery hop aroma and may have a strong hop flavor (in addition to the hop bitterness). India pale ales possess medium maltiness and body. Fruity-ester flavors and aromas are moderate to very strong. Diacetyl can be absent or may be perceived at very low levels. Chill haze is allowable at cold temperatures. *(English and citrus-like American hops are considered enough of a distinction justifying separate American-style IPA and English-style IPA categories or subcategories. Hops of other origins may be used for bitterness or approximating traditional American or English character. See English-style India Pale Ale.)*

Original Gravity (°Plato):

1.060-1.075 (14.7-18.2 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.012-1.018 (3-4.5 °Plato)

Alcohol by Weight (Volume):

5-6% (6.3-7.5%)

Bitterness (IBU): 40-65

Color SRM (EBC): 6-14 (12-28 EBC)

Imperial or Double India Pale Ale

Imperial or Double India Pale Ales have intense hop bitterness, flavor and aroma. Alcohol content is very high and notably evident. They range from golden to amber in color. The style may use any variety of hops. Though the hop character is intense it's balanced with complex alcohol flavors, moderate to high fruity esters and medium to high malt character. While hop character may be very intense, it may not be harsh in quality. Imperial or Double India Pale Ales have medium-high to full body. Diacetyl should not be perceived.

Original Gravity (°Plato):

1.075-1.100 (19.5-23.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.018-1.028 (5-7 °Plato)

Alcohol by Weight (Volume):

6.0-8.4% (7.5-10.5%)

Bitterness (IBU): 65-100

Color SRM (EBC): 5-13 (10-26 EBC)

American-Style Amber/Red Ale

American amber/red ales range from light copper to light brown in color. They are characterized by American-variety hops used to produce high hop bitterness, flavor, and medium to high aroma. Amber ales have medium-high to high maltiness with medium to low caramel character. They should have medium to medium-high body. The style may have low levels of fruity-ester flavor and aroma. Diacetyl can be either absent or barely perceived at very low levels. Chill haze is allowable at cold temperatures. Slight yeast haze is acceptable for bottle-conditioned products.

Original Gravity (°Plato):

1.048-1.058 (12-14.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.012-1.018 (3-4.5 °Plato)

Alcohol by Weight (Volume):

3.5-4.8% (4.5-6%)

Bitterness (IBU): 30 - 40

Color SRM (EBC): 11-18 (22-36 EBC)

Imperial or Double Red Ale

Imperial or Double Red Ales have intense hop bitterness, flavor and aroma. Alcohol content is also very high and of notable character. They range from deep amber to dark copper in color. The style may use any variety of hops. Though the hop character is intense it's balanced with complex alcohol flavors, moderate to high fruity esters and medium to high caramel malt character. Hop bitterness may or may not be harsh in character. Imperial or Double Red Ales have a full body. Diacetyl should not be perceived.

Original Gravity (°Plato):

1.080-1.100 (19.5-23.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.020-1.028 (5-7 °Plato)

Alcohol by Weight (Volume):

6.3-8.4% (7.9-10.5%)

Bitterness (IBU): 55-85

Color SRM (EBC): 10-15 (20-30 EBC)

American-Style Barley Wine Ale

American style barley wines range from amber to deep copper-garnet in color and have a full body and high residual malty sweetness. Complexity of alcohols and fruity-ester characters are often high and counterbalanced by assertive bitterness and extraordinary alcohol content. Hop aroma and flavor are at medium to very high levels. Very low levels of diacetyl may be acceptable. A caramel and/or toffee aroma and flavor are often part of the character. Chill haze is allowable at cold temperatures.

Original Gravity (°Plato):

1.090-1.120 (21.5-28 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.024-1.032 (6-8 °Plato)

Alcohol by Weight (Volume):

6.7-9.6% (8.4-12%)

Bitterness (IBU): 60-100

Color SRM (EBC): 11-18 (22-36 EBC)

Golden or Blonde Ale

Golden or Blonde ales are straw to golden blonde in color. They have a crisp, dry palate, light to medium body, and light malt sweetness. Low to medium hop floral aroma may be present but does not dominate. Bitterness is low to medium. Fruity esters may be perceived but do not predominate. Diacetyl should not be perceived. Chill haze should be absent.

Original Gravity (°Plato):

1.045-1.056 (11-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.016 (2-4 °Plato)

Alcohol by Weight (Volume):

3.2-4% (4-5%)

Bitterness (IBU): 15-25

Color SRM (EBC): 3-7 (6-14 EBC)

American-Style Brown Ale

American brown ales range from deep copper to brown in color. Roasted malt caramellike and chocolatelike characters should be of medium intensity in both flavor and aroma. American brown ales have an evident hop aroma, medium to high hop bitterness, low to medium hop flavor and a medium body. Estery and fruity-ester characters should be subdued; diacetyl should not be perceived. Chill haze is allowable at cold temperatures.

Original Gravity (°Plato):

1.040-1.060 (10-15 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.010-1.018 (2.5-4.5 °Plato)

Alcohol by Weight (Volume):

3.3-5.0% (4-6.4%)

Bitterness (IBU): 25-45

Color SRM (EBC): 15-26 (30-52 EBC)

American-Style Stout

Initial low to medium malt sweetness with a degree of caramel, chocolate and/or roasted coffee flavor with a distinctive dry-roasted bitterness in the finish. Coffee-like roasted barley and roasted malt aromas are prominent. Some slight roasted malt acidity is permissible and a medium- to full-bodied mouthfeel is appropriate. Hop bitterness may be moderate to high. Hop aroma and flavor is moderate to high often with American citrus-type and/or resinous hop character. The perception of fruity esters is low. Roasted malt/barley astringency may be low but not excessive. Diacetyl (butterscotch) should be negligible or not perceived. Head retention is excellent.

Original Gravity (°Plato):

1.050-1.075 (13-17.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.010-1.022 (2.5-5.5 °Plato)

Alcohol by Weight (Volume):

4.5-7% (5.7-8.8%)

Bitterness (IBU): 35-60

Color SRM (EBC): 40+ (80+ EBC)

Specialty Stouts *See British Origin*

Porter *See British Origin*

GERMAN ORIGIN

German-Style Kölsch/Köln-Style Kölsch

Kölsch is warm fermented and aged at cold temperatures (German ale or alt-style beer). Kölsch is characterized by a golden to straw color and a slightly dry, subtly sweet softness on the palate, yet crisp. Good, dense head retention is desirable. A light fruitiness may be apparent, but is not necessary for this style. Caramel character should not be evident. The body is light to medium-light. This beer has low hop flavor and aroma with medium bitterness. Wheat can be used in brewing this beer. Ale yeast is used for fermentation, though lager yeast is sometimes used in the bottle or final cold conditioning process. Fruity esters should be minimally perceived, if at all. Chill haze should be absent.

Original Gravity (°Plato):

1.042-1.048 (10.5-12 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.010 (2-3 °Plato)

Alcohol by Weight (Volume):

3.8-4.2% (4.8-5.3%)

Bitterness (IBU): 18-25

Color SRM (EBC): 4-6 (8-12 EBC)

German-Style Brown Ale/Düsseldorf-Style Altbier

Copper to brown in color, this German ale may be highly hopped and intensely bitter (although the 25 to 35 IBU range is more normal for the majority of Altbiers from Düsseldorf) and has a medium body and malty flavor. A variety of malts, including wheat, may be used. Hop character may be medium to high in the flavor and aroma. The overall impression is clean, crisp, and flavorful often with a dry finish. Fruity esters can be low to medium-low. No diacetyl or chill haze should be perceived.

Original Gravity (°Plato):

1.044-1.048 (11-12 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.014 (2-3.5 °Plato)

Alcohol by Weight (Volume):

3.6-4% (4.3-5%)

Bitterness (IBU): 25-48**Color SRM (EBC):** 11-19 (22-38 EBC)

Berliner-Style Weisse (Wheat)

This is very pale in color and the lightest of all the German wheat beers. The unique combination of yeast and lactic acid bacteria fermentation yields a beer that is acidic, highly attenuated, and very light bodied. The carbonation of a Berliner Weisse is high, and hop rates are very low. Hop character should not be perceived. Fruity esters will be evident. No diacetyl should be perceived.

Original Gravity (°Plato):

1.028-1.032 (7-8 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.004-1.006 (1-1.5 °Plato)

Alcohol by Weight (Volume):

2.2-2.7% (2.8-3.4%)

Bitterness (IBU): 3-6**Color SRM (EBC):** 2-4 (4-8 EBC)

South German-Style Hefeweizen/Hefeweissbier

The aroma and flavor of a Weissbier with yeast is decidedly fruity and phenolic. The phenolic characteristics are often described as clove- or nutmeg like and can be smoky or even vanilla like. Banana like esters are often present. These beers are made with at least 50 percent malted wheat, and hop rates are quite low. Hop flavor and aroma are absent. Weissbier is well attenuated and very highly carbonated, yet its relatively high starting gravity and alcohol content make it a medium- to full-bodied beer. The color is very pale to pale amber. Because yeast is present, the beer will have yeast flavor and a characteristically fuller mouthfeel and may be appropriately very cloudy. No diacetyl should be perceived. *(Brewer may indicate a desire that the yeast be either poured or not poured when the beer is served)*

Original Gravity (°Plato):

1.047-1.056 (11.8-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.016 (2-4 °Plato)

Alcohol by Weight (Volume):

3.9-4.4% (4.9-5.5%)

Bitterness (IBU): 10-15**Color SRM (EBC):** 3-9 (6-18 EBC)

South German-Style Kristal Weizen/Kristal Weissbier

The aroma and flavor of a Weissbier without yeast is very similar to Weissbier with yeast (Hefeweizen/Hefeweissbier) with the caveat that fruity and phenolic characters are not combined with the yeasty flavor and fuller-bodied mouthfeel of yeast. The phenolic characteristics are often described as clove- or nutmeg like and can be smoky or even vanilla like. Bananalike esters are often present. These beers are made with at least 50 percent malted wheat, and hop rates are quite low. Hop flavor and aroma are absent. Weissbier is well attenuated and very highly carbonated, yet its relatively high starting gravity and alcohol content make it a medium- to full-bodied beer. The color is very pale to deep golden. Because the beer has been filtered, yeast is not present. The beer will have no flavor of yeast and a cleaner, drier mouthfeel. The beer should be clear with no chill haze present. No diacetyl should be perceived.

Original Gravity (°Plato):

1.047-1.056 (11.8-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.016 (2-4 °Plato)

Alcohol by Weight (Volume):

3.9-4.4% (4.9-5.5%)

Bitterness (IBU): 10-15**Color SRM (EBC):** 3-9 (6-18 EBC)

German-Style Leichtes Weizen/Weissbier

The German word *leicht* means light, and as such these beers are light versions of Hefeweizen. Leicht Weissbier is top fermented and cloudy like Hefeweizen. The phenolic and estery aromas and flavors typical of Weissbiers are more subdued in

Leichtes Weizen. Hop flavor and aroma are normally absent. The overall flavor profile is less complex than Hefeweizen due to decreased alcohol content. There is less yeasty flavor present. Leichtes Weissbier has diminished mouth feel relative to Hefeweizen, and is a low-bodied beer. No diacetyl should be perceived. The beer may have a broad range of color from pale golden to pale amber.

Original Gravity (°Plato):

1.028-1.044 (7-11 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.004-1.008 (1-2 °Plato)

Alcohol by Weight (Volume):

2.0-2.8% (2.5-3.5%)

Bitterness (IBU): 6-20

Color SRM (EBC): 3.5-15 (7-30 EBC)

South German-Style Bernsteinfarbenes Weizen/Weissbier

The German word Bernsteinfarben means amber colored, and as such, a Bernsteinfarbenes Weizen is dark yellow to amber in color. This beer style is characterized by a distinct sweet maltiness and caramel or bread character from the use of medium colored malts. Estery and phenolic elements of this Weissbier should be evident but subdued. Bernsteinfarbenes Weissbier is well attenuated and very highly carbonated, and hop bitterness is low. Hop flavor and aroma are absent. The percentage of wheat malt is at least 50 percent. If this is served with yeast, the beer may be appropriately very cloudy. No diacetyl should be perceived. Brewer may indicate whether beer is intended to be served with or without yeast.

Original Gravity (°Plato):

1.048-1.056 (12-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.016 (2-4 °Plato)

Alcohol by Weight (Volume):

3.8-4.3% (4.8-5.4%)

Bitterness (IBU): 10-15

Color SRM (EBC): 9-13 (18-25 EBC)

South German-Style Dunkel Weizen/Dunkel Weissbier

This beer style is characterized by a distinct sweet maltiness and a chocolate like character from roasted malt. Estery and phenolic elements of this Weissbier should be evident but subdued. Color can range from copper-brown to dark brown. Dunkel Weissbier is well attenuated and very highly carbonated, and hop bitterness is low. Hop flavor and aroma are absent. Usually dark barley malts are used in conjunction with dark cara or color malts, and the percentage of wheat malt is at least 50 percent. If this is served with yeast, the beer may be appropriately very cloudy. No diacetyl should be perceived. *(Brewer may indicate a desire that the yeast be either poured or not poured when the beer is served)*

Original Gravity (°Plato):

1.048-1.056 (12-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.016 (2-4 °Plato)

Alcohol by Weight (Volume):

3.8-4.3% (4.8-5.4%)

Bitterness (IBU): 10-15

Color SRM (EBC): 10-19 (20-38 EBC)

South German-Style Weizenbock/Weissbock

This style can be either pale or dark (golden to dark brown in color) and has a high starting gravity and alcohol content. The malty sweetness of a Weizenbock is balanced with a clovelike phenolic and fruity-estery banana element to produce a well-rounded aroma and flavor. As is true with all German wheat beers, hop bitterness is low and carbonation is high. Hop flavor and aroma are absent. It has a medium to full body. If dark, a mild roast malt character should emerge in flavor and to a lesser degree in the aroma. If this is served with yeast the beer may be appropriately very cloudy. No diacetyl should be perceived. *(Brewer may indicate a desire that the yeast be either poured or not poured when the beer is served)*

Original Gravity (°Plato):

1.066-1.080 (16-19.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.0016-1.028 (4-7 °Plato)

Alcohol by Weight (Volume):

5.5-7.5% (6.9-9.3%)

Bitterness (IBU): 15-25

Color SRM (EBC): 5-30 (10-60 EBC)

Kellerbier (Cellar beer) or Zwickelbier

Unfiltered and often young, not fully lagered versions of Germanic lager styles of beer such as Münchner-Style Helles and Dunkel, Dortmund/European-Style Export, Bohemian-style Pilsener and German-style Pilsener. Kellerbier is noticeably less carbonated and may be noticeably sweeter than its filtered, fully attenuated and lagered derivative. They will not be clear, exhibiting a small amount of yeast haze in the appearance. Low to moderately low levels of yeast-generated sulfur compounds will be apparent in aroma and flavor. Dry hopping is acceptable. Head retention may not be optimal. Low levels of acetaldehyde may be apparent.

Original Gravity (°Plato):

Varies with style

Apparent Extract/Final Gravity (°Plato):

Varies with style

Alcohol by Weight (Volume):

Varies with style

Bitterness (IBU): Varies with style

Color SRM (EBC): Varies with style

BELGIAN AND FRENCH ORIGIN

Belgian-Style Flanders/Oud Bruin or Oud Red Ales

This light- to medium-bodied deep copper to brown ale is characterized by a slight to strong lactic sourness and spiciness. A fruity-estery character is apparent with no hop flavor or aroma. Flanders brown ales have low to medium bitterness. Very small quantities of diacetyl are acceptable. Roasted malt character in aroma and flavor is acceptable at low levels. Oak like or woody characters may be pleasantly integrated into overall palate. Chill haze is acceptable at low serving temperatures. Some versions may be more highly carbonated and, when bottle conditioned, may appear cloudy (yeast) when served.

Original Gravity (°Plato):

1.044-1.056 (11-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.016 (2-4 °Plato)

Alcohol by Weight (Volume):

3.8-4.4% (4.8-5.2%)

Bitterness (IBU): 15-25

Color SRM (EBC): 12-20 (24-40 EBC)

Belgian-Style Dubbel

This medium- to full-bodied, dark amber to brown-colored ale has a malty sweetness and nutty, chocolate-like, and roast malt aroma. Flavor and aroma may also have a raisin-like cocoa character. A faint hop aroma is acceptable. Dubbels are also characterized by low bitterness and no hop flavor. Very small quantities of diacetyl are acceptable. Yeast-generated fruity esters (especially banana) are appropriate at low levels. Head retention is dense and mousse like. Chill haze is acceptable at low serving temperatures.

Original Gravity (°Plato):

1.050-1.070 (12.5-17 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.012-1.016 (3-4 °Plato)

Alcohol by Weight (Volume):

4.8-6.0% (6.0-7.5%)

Bitterness (IBU): 18-25

Color SRM (EBC): 14-18 (28-36 EBC)

Belgian-Style Tripel

Tripels are often characterized by a complex, spicy, phenolic flavor. Yeast-generated fruity banana esters are also common, but not necessary. These pale/light-colored ales may finish sweet, though any sweet finish can be light on the palate. The beer is characteristically medium to full bodied with a neutral hop/malt balance. Brewing sugar may be used to lighten the perception of body. Its sweetness will come from very pale malts. There should not be character from any roasted or dark malts. Very low hop flavor is okay. Alcohol strength and flavor should be perceived as evident. Head retention is dense and mousse like. Chill haze is acceptable at low serving temperatures.

Original Gravity (°Plato):

1.060-1.096 (15-24 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.018 (2-5 °Plato)

Alcohol by Weight (Volume):

5.6-8.0% (7.0-10.0%)

Bitterness (IBU): 25-35

Color SRM (EBC): 3.5-7 (7-14 EBC)

Belgian-Style Pale Ale

Belgian-style pale ales are characterized by low, but noticeable, hop bitterness, flavor, and aroma. Light to medium body and low malt aroma are typical. They are golden to deep amber in color. Noble-type hops are commonly used. Low to medium fruity esters are evident in aroma and flavor. Low levels of phenolic spiciness from yeast byproducts may be perceived. Low caramel or toasted malt flavor is okay. Diacetyl should not be perceived. Chill haze is allowable at cold temperatures.

Original Gravity (°Plato):

1.044-1.054 (11-13.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.014 (2-3.5 °Plato)

Alcohol by Weight (Volume):

3.2-5.0% (4.0-6.0%)

Bitterness (IBU): 20-30

Color SRM (EBC): 3.5-12 (7-24 EBC)

Belgian-Style Pale Strong Ale

Belgian pale strong ales are pale to golden in color with relatively light body for a beer of its alcoholic strength. Often brewed with light colored Belgian "candy" sugar, these beers are well attenuated. The perception of hop bitterness is low to medium, with hop flavor and aroma also in this range. These beers are highly attenuated and have a perceptively deceiving high alcoholic character—being light to medium bodied rather than full bodied. The intensity of malt character should be low to medium, often surviving along with a complex fruitiness. Very little or no diacetyl is perceived. Herbs and spices are sometimes used to delicately flavor these strong ales. Chill haze is allowable at cold temperatures.

Original Gravity (°Plato):

1.064-1.096 (16-23 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.012-1.024 (3-6 °Plato)

Alcohol by Weight (Volume):

5.6-8.8% (7.0-11.0%)

Bitterness (IBU): 20-50

Color SRM (EBC): 3.5-7 (7-14 EBC)

Belgian-Style Dark Strong Ale

Belgian dark strong ales are amber to dark brown in color. Often, though not always, brewed with dark Belgian "candy" sugar, these beers can be well attenuated, ranging from medium to full-bodied. The perception of hop bitterness is low to medium, with hop flavor and aroma also in this range. Fruity complexity along with the soft flavors of roasted malts add distinct character. The alcohol strength of these beers can often be deceiving to the senses. The intensity of malt character can be rich, creamy, and sweet with intensities ranging from medium to high. Very little or no diacetyl is perceived. Herbs and spices are sometimes used to delicately flavor these strong ales. Chill haze is allowable at cold temperatures

Original Gravity (°Plato):

1.064-1.096 (16-23 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.012-1.024 (3-6 °Plato)

Alcohol by Weight (Volume):

5.6-8.8% (7.0-11.0%)

Bitterness (IBU): 20-50

Color SRM (EBC): 7-20 (14-40 EBC)

Belgian-Style White (or Wit)/Belgian-Style Wheat

Belgian white ales are very pale in color and are brewed using unmalted wheat and malted barley and are spiced with coriander and orange peel. Coriander and light orange peel aroma should be perceived. Phenolic spiciness and yeast flavors may be evident at mild levels. These beers are traditionally bottle conditioned and served cloudy. An unfiltered nearly opaque haze should be part of the appearance. The style is further characterized by the use of noble-type hops to achieve a low hop bitterness and little to no apparent hop flavor. This beer has low to medium body, no diacetyl, and a low to medium fruity-ester level. Mild acidity is appropriate.

Original Gravity (°Plato):

1.044-1.050 (11-12.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.010 (1.5-2.5 °Plato)

Alcohol by Weight (Volume):

3.8-4.4% (4.8-5.2%)

Bitterness (IBU): 10-17

Color SRM (EBC): 2-4 (4-8 EBC)

Belgian-Style Lambic

Unblended, naturally and spontaneously fermented lambic is intensely estery, sour, and often, but not necessarily, acetic flavored. Low in carbon dioxide, these hazy beers are brewed with unmalted wheat and malted barley. Sweet malt characters are not perceived. They are very low in hop bitterness. Cloudiness is acceptable. These beers are quite dry and light bodied. Characteristic horsiness (similar to wet horse blanket) from *Brettanomyces* yeast is often present at moderate levels. Versions of this beer made outside of the Brussels area of Belgium cannot be true lambics. These versions are said to be "lambic-style" and may be made to resemble many of the beers of true origin.

Original Gravity (°Plato):

1.044-1.056 (11-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.000-1.010 (0-2.5 °Plato)

Alcohol by Weight (Volume):

4-5% (5-6%)

Bitterness (IBU): 11-23

Color SRM (EBC): 6-13 (12-26 EBC)

Belgian-Style Gueuze Lambic

Old lambic is blended with newly fermenting young lambic to create this special style of lambic. Gueuze is always refermented in the bottle. These unflavored blended and secondary fermented lambic beers may be very dry or mildly sweet and are characterized by intense fruity-estery, sour, and acidic aromas and flavors. These pale beers are brewed with unmalted wheat, malted barley, and stale, aged hops. Sweet malt characters are not perceived. They are very low in hop bitterness. Diacetyl should be absent. Characteristic horsiness (similar to wet horse blanket) from *Brettanomyces* yeast is often present at moderate levels. Cloudiness is acceptable. These beers are quite dry and light bodied. Versions of this beer made outside of the Brussels area of Belgium cannot be true lambics. These versions are said to be "lambic-style" and may be made to resemble many of the beers of true origin.

Original Gravity (°Plato):

1.044-1.056 (11-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.000-1.010 (0-2.5 °Plato)

Alcohol by Weight (Volume):

4.0-5.0% (5.0-6.0%)

Bitterness (IBU): 11-23

Color SRM (EBC): 6-13 (12-26 EBC)

Belgian-Style Fruit Lambic

These beers, also known by the names framboise, kriek, peche, cassis, etc., are characterized by fruit flavors and aromas. The color reflects the choice of fruit. Sourness is an important part of the flavor profile, though sweetness may compromise the intensity. These flavored lambic beers may be very dry or mildly sweet and range from a dry to a full-bodied mouthfeel. Versions of this beer made outside of the Brussels area of Belgium cannot be true lambics. These versions are said to be "lambic-style" and may be made to resemble many of the beers of true origin.

Original Gravity (°Plato):

1.040-1.072 (10-17.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.016 (2-4 °Plato)

Alcohol by Weight (Volume):

4.0-5.5% (5.0-7.0%)

Bitterness (IBU): 15-21

Color SRM (EBC): Color takes on hue of fruit.

Belgian-Style Table Beer

These ales and lagers are very low in alcohol and traditionally enjoyed with meals by both adults and children. Pale to very dark brown in color. Additions of caramel coloring are sometimes employed to adjust color. They are light bodied with relatively low carbonation with limited aftertaste. The mouth feel is light to moderate, though higher than one might anticipate, usually because of unfermented sugars/malt sugars. Malted barley, wheat and rye may be used as well as unmalted wheat, rye, oats and corn. A mild malt character could be evident. Aroma/Flavor hops are most commonly used to employ a flavor balance that is only low in bitterness. More modern versions of this beer incorporate sweeteners such as sugar and saccharine added post fermentation to sweeten the palate and add to a perception of smoothness. Spices (such as orange and

lemon peel, as well as coriander) may be added in barely perceptible amounts, but this is not common. Diacetyl should not be perceived.

Original Gravity (°Plato):

1.008-1.038 (2-9.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.038 (2-8.5 °Plato)

Alcohol by Weight (Volume):

0.4-2.8% (0.5-3.5%)

Bitterness (IBU): 5-15

Color SRM (EBC): 5-50 (10-100 EBC).

Other Belgian-Style Ales

Recognizing the uniqueness and traditions of several other styles of Belgian Ales, the beers entered in this category will be assessed on the merits that they do not fit existing style guidelines and information that the brewer provides explaining the history and tradition of the style. The brewer must provide this additional information in order to be assessed properly by the judges.

Original Gravity (°Plato):

Range provided by brewer

Apparent Extract/Final Gravity (°Plato):

Range provided by brewer

Alcohol by Weight (Volume):

Range provided by brewer

Bitterness (IBU): Range provided by brewer

Color SRM (EBC): Range provided by brewer.

French-Style Bière de Garde

Beers in this category are golden to deep copper or light brown in color. They are light to medium in body. This style of beer is characterized by a toasted malt aroma, slight malt sweetness in flavor, and medium hop bitterness. Noble-type hop aromas and flavors should be low to medium. Fruity esters can be light to medium in intensity. Flavor of alcohol is evident. Earthy, cellar like, musty aromas are okay. Diacetyl should not be perceived but chill haze is okay. Often bottle conditioned with some yeast character.

Original Gravity (°Plato):

1.060-1.080 (15-19.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.012-1.024 (3-6 °Plato)

Alcohol by Weight (Volume):

3.5-6.3% (4.5-8%)

Bitterness (IBU): 25-30

Color SRM (EBC): 8-12 (16-24 EBC)

French & Belgian-Style Saison

Beers in this category are golden to deep amber in color. There may be quite a variety of characters within this style. Generally: They are light to medium in body. Malt aroma is low to medium-low. Fruity esters dominate the aroma, while hop character, complex alcohols, herbs, spices and even clove and smoke-like phenolics may or may not be evident in the overall balanced beer. Malt flavor is low but provides foundation for the overall balance. Hop bitterness is moderate to moderately assertive. Herb and/or spice flavors may or may not be evident. Fruitiness from fermentation is generally in character. A balanced small amount of sour or acidic flavors is acceptable when in balance with other components. Earthy, cellar like, musty aromas are okay. Diacetyl should not be perceived. Chill or slight yeast haze is okay. Often bottle conditioned with some yeast character and high carbonation.

Original Gravity (°Plato):

1.055-1.080 (14-19.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.004-1.016 (1-4 °Plato)

Alcohol by Weight (Volume):

3.5-7.2% (4.5-9%)

Bitterness (IBU): 20-40

Color SRM (EBC): 4-14 (8-28 EBC)

OTHER Origins

LAGER BEER STYLES

EUROPEAN-GERMANIC ORIGIN

German-Style Pilsener

A classic German Pilsener is very light straw or golden in color and well hopped. Hop bitterness is high. Noble-type hop aroma and flavor are moderate and quite obvious. It is a well-attenuated, medium-bodied beer, but a malty residual sweetness can be perceived in aroma and flavor. Low levels of sweet corn-like dimethylsulfide (DMS) character, if perceived, are characteristic of this style. Fruity esters and diacetyl should not be perceived. There should be no chill haze. Its head should be dense and rich.

Original Gravity (°Plato):

1.044-1.050 (11-12.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.012 (1.5-3 °Plato)

Alcohol by Weight (Volume):

3.6-4.2% (4-5%)

Bitterness (IBU): 30-40

Color SRM (EBC): 3-4 (6-8 EBC)

Bohemian-Style Pilsener

Bohemian Pilseners are medium bodied, and they can be as dark as a light amber color. This style balances moderate bitterness and noble-type hop aroma and flavor with a malty, slightly sweet, medium body. Diacetyl may be perceived in extremely low amounts. Low levels of sweet corn-like dimethylsulfide (DMS) character, if perceived, are characteristic of this style. A toasted-, biscuit-like malt character may be evident at low levels. There should be no chill haze. Its head should be dense and rich.

Original Gravity (°Plato):

1.044-1.056 (11-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.014-1.020 (3.5-5 °Plato)

Alcohol by Weight (Volume):

3.2-4% (4-5%)

Bitterness (IBU): 30-45

Color SRM (EBC): 3-7 (6-14 EBC)

European-Style Pilsener

European Pilseners are straw/golden in color and are well-attenuated. This medium-bodied beer is often brewed with rice, corn, wheat, or other grain or sugar adjuncts making up part of the mash. Hop bitterness is low to medium. Hop flavor and aroma are low. Residual malt sweetness is low; it does not predominate but may be perceived. Fruity esters and diacetyl should not be perceived. There should be no chill haze.

Original Gravity (°Plato):

1.044-1.050 (11-12.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.010 (2-2.5 °Plato)

Alcohol by Weight (Volume):

3.6-4.2% (4-5%)

Bitterness (IBU): 17-30

Color SRM (EBC): 3-4 (6-8 EBC)

European Low-Alcohol Lager/German Leicht(bier)

These beers are very light in body and color. Malt sweetness is perceived at low to medium levels, while hop bitterness character is perceived at medium levels. Hop flavor and aroma may be low to medium. These beers should be clean with no perceived fruity esters or diacetyl. Chill haze is not acceptable.

Original Gravity (°Plato):

1.026-1.032 (6.5-8 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.010 (1.5-2.5 °Plato)

Alcohol by Weight (Volume):

2.0-2.6% (2.5-3.3%)

Bitterness (IBU): 17-28

Color SRM (EBC): 2-4 (4-8 EBC)

Münchner-Style Helles

This beer should be perceived as having low bitterness. It is a medium-bodied, malt-emphasized beer; with malt character often balanced with low levels of yeast produced sulfur compounds (character). Certain renditions of this beer style approach a perceivable level of hop flavor (note: hop flavor does not imply hop bitterness) and character but it is essentially balanced with malt character to retain its style identity. Malt character is reminiscent of freshly and very lightly toasted malted barley. There should not be any caramel character. Color is light straw to golden. Fruity esters and diacetyl should not be perceived.

Original Gravity (°Plato):

1.044-1.050 (11-13 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.012 (2-3 °Plato)

Alcohol by Weight (Volume):

3.8-4.4% (4.5-5.5%)

Bitterness (IBU): 18-25

Color SRM (EBC): 4-5.5 (8-11 EBC)

Dortmunder/European-Style Export

Dortmunder has medium hop bitterness. Hop flavor and aroma are perceptible but low. Sweet malt flavor can be low and should not be caramel like. The color of this style is straw to deep golden. The body will be medium bodied. Fruity esters, chill haze, and diacetyl should not be perceived.

Original Gravity (°Plato):

1.048-1.056 (12-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.010-1.014 (2.5-3.5 °Plato)

Alcohol by Weight (Volume):

4-4.8% (5-6%)

Bitterness (IBU): 23-29

Color SRM (EBC): 3-5 (6-10 EBC)

Vienna-Style Lager

Beers in this category are reddish brown or copper colored. They are medium in body. The beer is characterized by malty aroma and slight malt sweetness. The malt aroma and flavor should have a notable degree of toasted and/or slightly roasted malt character. Hop bitterness is clean and crisp. Noble-type hop aromas and flavors should be low or mild. Fruity esters, diacetyl, and chill haze should not be perceived.

Original Gravity (°Plato):

1.046-1.056 (11.5 -14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.012-1.018 (3-4.5 °Plato)

Alcohol by Weight (Volume):

3.8-4.3% (4.8-5.4%)

Bitterness (IBU): 22-28

Color SRM (EBC): 10-12 (20-24 EBC)

German-Style Märzen/Oktobertfest

Märzens are characterized by a medium body and broad range of color. Oktoberfests can range from golden to reddish brown. Sweet maltiness should dominate slightly over a clean, hop bitterness. Malt character should be light-toasted rather than strongly caramel (though a low level of light caramel character is acceptable). Bread or biscuit like malt character is acceptable in aroma and flavor. Hop aroma and flavor should be low but notable. Fruity esters should not be perceived. Diacetyl and chill haze should not be perceived.

Original Gravity (°Plato):

1.050-1.060 (12.5-15 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.012-1.020 (3-5 °Plato)

Alcohol by Weight (Volume):

4-4.7% (5.3-5.9%)

Bitterness (IBU): 18-25

Color SRM (EBC): 4-15 (8-30 EBC)

European-Style Dark/Münchner Dunkel

These light brown to dark brown beers have a pronounced malty aroma and flavor that dominates over the clean, crisp,

moderate hop bitterness. This beer does not offer an overly sweet impression, but rather a mild balance between malt sweetness, hop bitterness and light to moderate mouthfeel. A classic Münchner dunkel should have a chocolatelike, roast malt, bread like or biscuit like aroma that comes from the use of Munich dark malt. Chocolate or roast malts can be used, but the percentage used should be minimal. Noble-type hop flavor and aroma should be low but perceptible. Diacetyl should not be perceived. Fruity esters and chill haze should not be perceived.

Original Gravity (°Plato):

1.052-1.056 (13-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.014-1.018 (3.5-4.5 °Plato)

Alcohol by Weight (Volume):

3.8-4.2% (4.5-5%)

Bitterness (IBU): 16-25

Color SRM (EBC): 15-20 (30-40 EBC)

German-Style Schwarzbier

These very dark brown to black beers have a roasted malt character without the associated bitterness. Malt flavor and aroma are low in sweetness. Hop bitterness is low to medium in character. Noble-type hop flavor and aroma should be low but perceptible. There should be no fruity esters. Diacetyl should not be perceived.

Original Gravity (°Plato):

1.044-1.052 (11-13 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.012-1.016 (3-4 °Plato)

Alcohol by Weight (Volume):

3-3.9% (3.8-5%)

Bitterness (IBU): 22-30

Color SRM (EBC): 25-30 (50-60 EBC)

Bamberg-Style (Smoke) Rauchbier Lager

Rauchbier should have smoky characters that range from detectable to prevalent in the aroma and flavor. Smoke character is not harshly phenolic, but rather very smooth, almost rendering a perception of mild sweetness to this style of beer. The beer is generally toasted malty sweet and full-bodied with low to medium-low hop bitterness. Noble-type hop flavor is low but may be perceptible. The aroma should strike a balance between malt, hop, and smoke. Fruity esters, diacetyl, and chill haze should not be perceived.

Original Gravity (°Plato):

1.048-1.060 (12-14.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.012-1.016 (3-4 °Plato)

Alcohol by Weight (Volume):

3.6-5% (4.6-6.3%)

Bitterness (IBU): 20-30

Color SRM (EBC): 10-20 (20-40 EBC)

Traditional German-Style Bock

Traditional bocks are made with all malt and are strong, malty, medium- to full-bodied, bottom-fermented beers with moderate hop bitterness that should increase proportionately with the starting gravity. Hop flavor should be low and hop aroma should be very low. Bocks can range in color from deep copper to dark brown. Fruity esters should be minimal.

Original Gravity (°Plato):

1.066-1.074 (16.5-18 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.018-1.024 (4.5-6 °Plato)

Alcohol by Weight (Volume):

5-6% (6-7.5%)

Bitterness (IBU): 20-30

Color SRM (EBC): 20-30 (40-60 EBC)

German-Style Heller Bock/Maibock

The German word *helle* means light colored, and as such, a heller Bock is light straw to deep golden in color. Maibocks are also light-colored bocks. The malty character should come through in the aroma and flavor. Body is medium to full. Hop bitterness should be low, while noble-type hop aroma and flavor may be at low to medium levels. Bitterness increases with gravity. Fruity esters may be perceived at low levels. Diacetyl levels should be very low. Chill haze should not be perceived.

Original Gravity (°Plato):

1.066-1.074 (16.5-18 °Plato)
Apparent Extract/Final Gravity (°Plato):
1.012-1.020 (3-5 °Plato)
Alcohol by Weight (Volume):
5-6.4% (6-8%)
Bitterness (IBU): 20-38
Color SRM (EBC): 4-10 (8-20 EBC)

German-Style Strong Doppelbock

Malty sweetness is dominant but should not be cloying. Malt character is more reminiscent of fresh and lightly toasted Munich-style malt; more so than caramel or toffee malt character. Some elements of caramel and toffee can be evident and contribute to complexity, but the predominant malt character is an expression of toasted barley malt. Doppelbocks are full bodied and deep amber to dark brown in color. Astringency from roast malts is absent. Alcoholic strength is high, and hop rates increase with gravity. Hop bitterness and flavor should be low and hop aroma absent. Fruity esters are commonly perceived but at low to moderate levels.

Original Gravity (°Plato):
1.074-1.080 (18 –19.5 °Plato)
Apparent Extract/Final Gravity (°Plato):
1.014-1.020 (3.5-5 °Plato)
Alcohol by Weight (Volume):
5.2-6.2% (6.5-8%)
Bitterness (IBU): 17-27
Color SRM (EBC): 12-30 (24-60 EBC)

German-Style Strong Eisbock

A stronger version of Doppelbock. Malt character can be very sweet. The body is very full and deep copper to almost black in color. Alcoholic strength is very high. Hop bitterness is subdued. Hop flavor and aroma are absent. Fruity esters may be evident but not overpowering. Typically these beers are brewed by freezing a Doppelbock and removing resulting ice to increase alcohol content.

Original Gravity (°Plato):
1.092-1.116 (22-27 °Plato)
Apparent Extract/Final Gravity (°Plato):
N/A
Alcohol by Weight (Volume):
6.8-11.3% (8.6-14.4%)
Bitterness (IBU): 26-33
Color SRM (EBC): 18-50 (36-100 EBC)

NORTH AMERICAN ORIGIN

American Lager

Light in body and color, American lagers are very clean and crisp and aggressively carbonated. Flavor components should be subtle and complex, with no one ingredient dominating the others. Malt sweetness is light to mild. Corn, rice, or other grain or sugar adjuncts are often used. Hop bitterness, flavor and aroma are negligible to very light. Light fruity esters are acceptable. Chill haze and diacetyl should be absent.

Original Gravity (°Plato):
1.040-1.046 (10-11.5 °Plato)
Apparent Extract/Final Gravity (°Plato):
1.006-1.010 (1.5-2.5 °Plato)
Alcohol by Weight (Volume):
3.2-4.0% (3.8-5%)
Bitterness (IBU): 5-14
Color SRM (EBC): 2-4 (4-8 EBC)

American-Style Light (low calorie) Lager

These beers are extremely light colored, light in body, and high in carbonation. Calorie level should not exceed 125 per 12 ounce serving. Corn, rice, or other grain or sugar adjuncts are often used. Flavor is mild and hop bitterness and aroma is negligible to very low. Light fruity esters are acceptable. Chill haze and diacetyl should be absent.

Original Gravity (°Plato):
1.024-1.040 (6-10 °Plato)
Apparent Extract/Final Gravity (°Plato):

1.002-1.008 (0.5-2 °Plato)

Alcohol by Weight (Volume):

2.8-3.5% (3.5-4.4%)

Bitterness (IBU): 5-10

Color SRM (EBC): 1.5-4 (3-8 EBC)

American-Style Low-Carbohydrate Light Lager

These beers are extremely light straw to light amber in color, light in body, and high in carbonation. They should have a maximum carbohydrate level of 3.0 gm per 12 oz. (356 ml). These beers are characterized by extremely low attenuation (often final gravity is less than 1.000 (0 °Plato), but with typical American-style light lager alcohol levels. Corn, rice, or other grain adjuncts are often used. Flavor is very light/mild and very dry. Hop flavor, aroma and bitterness is negligible to very low. Very low yeasty flavors and fruity esters are acceptable in aroma and flavor. Chill haze and diacetyl should not be perceived.

Original Gravity (°Plato):

1.024-1.036 (6-9 °Plato)

Apparent Extract/Final Gravity (°Plato):

0.992-1.004 (-2-1 °Plato)

Alcohol by Weight (Volume):

2.8-3.5% (3.5-4.4%)

Bitterness (IBU): 3-10

Color SRM (EBC): 1.5-10 (3-20 EBC)

American-Style Amber (low calorie) Lager

These beers are pale golden to amber in color, light to medium-light in body, and high in carbonation. Calorie level should not exceed 125 per 12 ounce serving. Corn, rice, or other grain or sugar adjuncts may be used but all malt formulations are also made. Malt and hop flavors are mild yet evident. Hop bitterness is evident and hop aroma may be negligible to evident. Light fruity esters are acceptable. Chill haze and diacetyl should be absent.

Original Gravity (°Plato):

1.024-1.040 (6-10 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.002-1.008 (0.5-2 °Plato)

Alcohol by Weight (Volume):

2.8-3.5% (3.5-4.4%)

Bitterness (IBU): 8-15

Color SRM (EBC): 4-12 (16-24 EBC)

American-Style Premium Lager

This style has low malt (and adjunct) sweetness, is medium bodied, and should contain no or a low percentage (less than 25%) of adjuncts. Color may be light straw to golden. Alcohol content and bitterness may also be greater. Hop aroma and flavor is low or negligible. Light fruity esters are acceptable. Chill haze and diacetyl should be absent. *Note: Some beers marketed as "premium" (based on price) may not fit this definition.*

Original Gravity (°Plato):

1.044-1.048 (11-12 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.010-1.014 (2.5-3.5 °Plato)

Alcohol by Weight (Volume):

3.6-4% (4.3-5%)

Bitterness (IBU): 6-15

Color SRM (EBC): 2-6 (4-12 EBC)

American-Style Pilsener

This classic and unique pre-Prohibition American-style Pilsener is straw to deep gold in color. Hop bitterness, flavor and aroma are medium to high, and use of noble-type hops for flavor and aroma is preferred. Up to 25 percent corn in the grist should be used, and some slight sweetness and flavor of corn are expected. A low level of DMS is acceptable. Malt flavor and aroma are medium. This is a medium-bodied beer. Fruity esters and citrusy flavors or aromas should not be perceived. Slight diacetyl is acceptable. There should be no chill haze.

Original Gravity (°Plato):

1.045-1.060 (11.3-15 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.012-1.018 (3-5 °Plato)

Alcohol by Weight (Volume):

3.9-4.7% (5-6%)

Bitterness (IBU): 20-40
Color SRM (EBC): 3-6 (6-12 EBC)

Dry Lager

This straw-colored lager lacks sweetness, is light in body, and is only mildly flavored by malt. Its alcoholic strength may contribute to the overall flavor character. Bitterness is low and carbonation is high. Chill haze, fruity esters, and diacetyl should be absent.

Original Gravity (°Plato):
1.040-1.050 (10-12.5 °Plato)
Apparent Extract/Final Gravity (°Plato):
1.004-1.008 (1-2 °Plato)
Alcohol by Weight (Volume):
3.6-4.5% (4.3-5.5%)
Bitterness (IBU): 15-23
Color SRM (EBC): 2-4 (5-8 EBC)

American Ice Lager

This style is slightly higher in alcohol than most other light-colored, American-style lagers. Its body is low to medium and has low residual malt sweetness. It has few or no adjuncts. Color is very pale to golden. Hop bitterness is low but certainly perceptible. Hop aroma and flavor are low. Chill haze, fruity esters, and diacetyl should not be perceived. Typically these beers are chilled before filtration so that ice crystals (which may or may not be removed) are formed. This can contribute to a higher alcohol content (up to 0.5% more).

Original Gravity (°Plato):
1.040-1.060 (10-15 °Plato)
Apparent Extract/Final Gravity (°Plato):
1.006-1.014 (1.5-3.5 °Plato)
Alcohol by Weight (Volume):
3.8-5% (4.6-6%)
Bitterness (IBU): 7-20
Color SRM (EBC): 2-8 (4-16 EBC)

American Malt Liquor

High in starting gravity and alcoholic strength, this style is somewhat diverse. Some American malt liquors are just slightly stronger than American lagers, while others approach bock strength. Some residual sweetness is perceived. Hop rates are very low, contributing little bitterness and virtually no hop aroma or flavor. Perception of sweet-fruity esters and complex alcohols (though not solvent like) are acceptable at low levels. Chill haze, diacetyl should not be perceived.

Original Gravity (°Plato):
1.050-1.060 (12.5-15 °Plato)
Apparent Extract/Final Gravity (°Plato):
1.004-1.010 (1-2.5 °Plato)
Alcohol by Weight (Volume):
5-6% (6.25-7.5%)
Bitterness (IBU): 12-23
Color SRM (EBC): 2-5 (4-10 EBC)

American-Style Amber Lager

American-style amber lagers are amber, reddish brown, or copper colored. They are medium bodied. There is a noticeable degree of caramel-type malt character in flavor and often in aroma. This is a broad category in which the hop bitterness, flavor, and aroma may be accentuated or may only be present at relatively low levels, yet noticeable. Fruity esters, diacetyl, and chill haze should be absent.

Original Gravity (°Plato):
1.042-1.056 (10.5-14 °Plato)
Apparent Extract/Final Gravity (°Plato):
1.010-1.018 (2.5-4.5 °Plato)
Alcohol by Weight (Volume):
3.8-4.3% (4.8-5.4%)
Bitterness (IBU): 18-30
Color SRM (EBC): 6-14 (12-28 EBC)

American-Style Märzen/Oktobertfest

The American style of this classic German beer is distinguished by a comparatively greater degree of hop character. In

general the style is characterized by a medium body and broad range of color. Oktoberfests can range from golden to reddish brown. Sweet maltiness should dominate over a clean, hop bitterness. The bitterness should not be aggressive or harsh. Malt character should be light-toasted rather than strongly caramel (though a low level of light caramel character is acceptable). Bread or biscuit like malt character is acceptable in aroma and flavor. Hop aroma and flavor should be notable but at low to medium levels. Fruity esters should not be perceived. Diacetyl and chill haze should not be perceived.

Original Gravity (°Plato):

1.050-1.060 (12.5-15 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.012-1.020 (3-5 °Plato)

Alcohol by Weight (Volume):

4-4.7% (5.3-5.9%)

Bitterness (IBU): 18-25

Color SRM (EBC): 4-15 (8-30 EBC)

American Dark Lager

This beer's malt aroma and flavor are low but notable. Its color ranges from a very deep copper to a deep, dark brown. Its body is light. Non-malt adjuncts are often used, and hop rates are low. Hop bitterness, flavor, and aroma are low. Carbonation is high. Fruity esters, diacetyl, and chill haze should not be perceived.

Original Gravity (°Plato):

1.040-1.050 (10-12.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.012 (2-3 °Plato)

Alcohol by Weight (Volume):

3.2-4.4% (4-5.5%)

Bitterness (IBU): 14-20

Color SRM (EBC): 14-25 (28-50 EBC)

OTHER ORIGIN

Baltic Porter

A true lager beer, black to very deep ruby/garnet in color. Overall, Baltic Porters have a very smooth lagered character with distinctive character of roasted malts and dark sugars. Because of its alcoholic strength aroma includes gentle lager fruitiness (berries, grapes, plums; not banana), complex alcohols, cocoa-like, roast malt (and sometimes coffee-like roast barley). Hop aroma is very low, though a hint of hop aroma can complement aromatics and flavor without dominance. Baltic porters range from having medium to full body complemented with a medium-low to medium level of malty sweetness. Caramelized-type sugar flavors (light caramel to toffee-like, even licorice-like) can be integrated into the overall complexity of flavor profile. Hop bitterness is low to medium-low. Baltic Porters are not hop bitter dominated. Carbonized roasted dark malts may contribute some bitterness. A low degree of smokiness may be evident. Low to medium low estery fruitiness. No butterscotch-like diacetyl nor sweet corn-like dimethylsulfide (DMS) should be apparent in aroma or flavor.

Original Gravity (°Plato):

1.065-1.085 (16-20.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.016-1.022 (4-5.5 °Plato)

Alcohol by Weight (Volume):

5.2-7.2% (6.5-9%)

Bitterness (IBU): 22-35

Color SRM (EBC): 25+ (50+ EBC)

Australasian, Latin American or Tropical-Style Light Lager

Australasian, Latin American or Tropical light lagers are very light in color and light bodied. Hop bitterness, aroma and flavor should be negligible to very low. Sugar adjuncts are often used to lighten the body and flavor, sometimes contributing to a slight apple-like fruity ester. Sugar, corn, rice, and other cereal grains are used as an adjunct. Very low sweet corn-like dimethylsulfide (DMS) is sometimes characteristic of style. Chill haze and diacetyl should be absent. Fruity esters should be very low. Generally, highly carbonated.

Original Gravity (°Plato):

1.032-1.046 (8-11.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.004-1.010 (1-2.5 °Plato)

Alcohol by Weight (Volume):

2.3-4.5% (2.9-5.6%)

Bitterness (IBU): 9-25

Color SRM (EBC): 2-4 (4-8 EBC)

Dry Beer (Japanese)

See North American Origin

Hybrid/Mixed Beer Styles

OTHER ORIGIN

American Cream Ale or Lager

A mild, pale, light-bodied ale, made using a warm fermentation (top or bottom) and cold lagering or by blending top- and bottom-fermented beers. Hop bitterness and flavor range from very low to low. Hop aroma is often absent. Sometimes referred to as cream ales, these beers are crisp and refreshing. A fruity or estery aroma may be perceived. Diacetyl and chill haze should not be perceived. Sulfur character and/or sweet corn-like dimethylsulfide (DMS) should be extremely low or absent from this style of beer.

Original Gravity (°Plato):

1.044-1.052 (11-13 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.004-1.010 (1-2.5 °Plato)

Alcohol by Weight (Volume):

3.4-4.5% (4.2-5.6%)

Bitterness (IBU): 10-22

Color SRM (EBC): 2-5 (4-10 EBC)

California Common Beer

California Common Beer is light amber to dark amber in color. They are medium bodied. There is a noticeable degree of caramel-type malt character in flavor and often in aroma. Hop bitterness impression is medium to medium high are balanced with a low to medium-low degree of fruity esters and malt character and give an impression of balance and drinkability. Hop flavor and aroma is low to medium-low. California Common Beer is a style of beer brewed with lager yeasts but at ale fermentation temperatures. Diacetyl, and chill haze should be absent.

Original Gravity (°Plato):

1.045-1.056 (11.2-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.010-1.018 (2.5-4.5 °Plato)

Alcohol by Weight (Volume):

3.2-4.3% (4-5.4%)

Bitterness (IBU): 35-45

Color SRM (EBC): 12-17 (24-34 EBC)

Japanese Sake-Yeast Beer

A beer brewed with Sake yeast or Sake (koji) enzymes. Color depends on malts used. The unique flavor and aroma of the byproducts of sake yeast and/or koji enzymes should be distinctive and harmonize with the other malt and hop characters. Sake character may best be described as having mild fruitiness and a gentle and mild yeast extract-Vitamin B character. Hop bitterness, flavor and aroma should be low to medium and should harmonize with sake-like characters. High carbonation should be evident and a higher amount of alcohol may be evident. Body and mouth feel will vary depending on base style and original gravity. A slight chill haze is permissible. A very low amount of diacetyl may be perceived.

Original Gravity (°Plato):

1.040-1.060 (10-15 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.018 (2-4.5 °Plato)

Alcohol by Weight (Volume):

3.4-5.6% (4.2-7%)

Bitterness (IBU): 12-35

Color SRM (EBC): 4-20 (8-40 EBC)

Light American Wheat Ale or Lager with Yeast

This beer can be made using either ale or lager yeast. It can be brewed with 30 to 75 percent wheat malt, and hop rates may be low to medium. Hop characters may be light to moderate in bitterness, flavor and aroma. Fruity-estery aroma and flavor are typical but at low levels; however, phenolic, clovelike characteristics should not be perceived. Color is usually straw to light

amber, and the body should be light to medium in character. Diacetyl should not be perceived. Because this style is served with yeast the character should portray a full yeasty mouthfeel and appear hazy to very cloudy. Yeast flavor and aroma should be low to medium but not overpowering the balance and character of malt and hops.

Original Gravity (°Plato):

1.036-1.056 (9-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.018 (1.5-4.5 °Plato)

Alcohol by Weight (Volume):

2.8-4.4% (3.5-5.5%)

Bitterness (IBU): 10-35

Color SRM (EBC): 4-10 (8-20 EBC)

Light American Wheat Ale or Lager without Yeast

This beer can be made using either ale or lager yeast. It can be brewed with 30 to 75 percent wheat malt, and hop rates may be low to medium. Hop characters may be light to moderate in bitterness, flavor and aroma. A fruity-estery aroma and flavor are typical but at low levels; however, phenolic, clovelike characteristics should not be perceived. Color is usually a clear golden to light amber, and the body should be light to medium in character. Diacetyl should not be perceived. Because this style is packaged and served without yeast, no yeast characters should be evident in mouthfeel, flavor, or aroma.

Original Gravity (°Plato):

1.036-1.050 (9-12.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.004-1.018 (1-4.5 °Plato)

Alcohol by Weight (Volume):

3-4% (3.8-5%)

Bitterness (IBU): 10-35

Color SRM (EBC): 2-10 (4-20 EBC)

Dark American Wheat Ale or Lager with Yeast

This beer can be made using either ale or lager yeast. It can be brewed with 30 to 75 percent malt wheat, and hop rates may be low to medium. Fruity-estery aroma and flavor are typical but at low levels; however, phenolic, clove-like characteristics should not be perceived. Color is dark amber to dark brown, and the body should be light to medium in character. Roasted malts are optionally evident in aroma and flavor with a low level of roast malt astringency acceptable when appropriately balanced with malt sweetness. Roast malts may be evident as a cocoa/chocolate or caramel character. Aromatic toffee-like, caramel, or biscuit-like characters may be part of the overall flavor/aroma profile. Diacetyl should not be perceived. Because this style is intended to be served with yeast the character should portray a full yeasty mouthfeel and appear hazy to very cloudy. Yeast flavor and aroma should be low to medium but not overpowering the balance and character of malt and hops.

Original Gravity (°Plato):

1.036-1.050 (9-12.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.004-1.018 (1-4.5 °Plato)

Alcohol by Weight (Volume):

3-4% (3.8-5%)

Bitterness (IBU): 10-25

Color SRM (EBC): 9-22 (18-44 EBC)

Dark American Wheat Ale or Lager without Yeast

This beer can be made using either ale or lager yeast. It can be brewed with 30 to 75 percent malted wheat, and hop rates may be low to medium. A fruity-estery aroma and flavor are typical but at low levels; however, phenolic, clovelike characteristics should not be perceived. Color is dark amber to dark brown, and the body should be light to medium in character. Roasted malts are optionally evident in aroma and flavor with a low level of roast malt astringency acceptable when appropriately balanced with malt sweetness. Roast malts may be evident as a cocoa/chocolate or caramel character. Aromatic toffee like, caramel, or biscuit like characters may be part of the overall flavor/aroma profile. Diacetyl should not be perceived. Because this style is packaged and served without yeast, no yeast characters should be evident in mouthfeel, flavor, or aroma.

Original Gravity (°Plato):

1.036-1.050 (9-12.5 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.004-1.018 (1-4.5 °Plato)

Alcohol by Weight (Volume):

3-4% (3.8-5%)

Bitterness (IBU): 10-25

Color SRM (EBC): 9-22 (18-44 EBC)

American Rye Ale or Lager with or without Yeast

This beer can be made using either ale or lager yeast. It should be brewed with at least 20 percent rye malt, and hop rates may be low to medium. A fruity-estery aroma and flavor are typical but at low levels; however, phenolic, clove-like characteristics should not be perceived. Color is straw to amber, and the body should be light to medium in character. Diacetyl should not be perceived. If this style is packaged and served without yeast, no yeast characters should be evident in mouthfeel, flavor, or aroma. If this style is served with yeast, the character should portray a full yeasty mouthfeel and appear hazy to very cloudy. Yeast flavor and aroma should be low to medium but not overpowering the balance and character of rye and barley malt and hops. Darker versions of this style will be dark amber to dark brown, and the body should be light to medium in character. Roasted malts are optionally evident in aroma and flavor with a low level of roast malt astringency acceptable when appropriately balanced with malt sweetness. Roast malts may be evident as a cocoa/chocolate or caramel character. Aromatic toffee-like, caramel, or biscuit-like characters may be part of the overall flavor/aroma profile. As in the lighter colored versions, diacetyl should not be perceived.

Original Gravity (°Plato):

1.030-1.056 (9.5-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.004-1.020 (1-5 °Plato)

Alcohol by Weight (Volume):

3-5.5% (3.8-6.9%)

Bitterness (IBU): 10-35

Color SRM (EBC): 2-25 (4-50 EBC)

German-Style Rye Ale (Roggenbier) with or without Yeast

This beer can be made using phenol producing ale yeast. It should be brewed with at least 30 percent rye malt, and hop rates will be low. A banana-like fruity-estery aroma and flavor are typical but at low levels; phenolic, clove-like characteristics should also be perceived. Color is straw to dark amber, and the body should be light to medium in character. Diacetyl should not be perceived. If this style is packaged and served without yeast, no yeast characters should be evident in mouthfeel, flavor, or aroma. If the beer is served with yeast, the character should portray a full yeasty mouthfeel and appear hazy to very cloudy. Yeast flavor and aroma should be low to medium but not overpowering the balance and character of rye and barley malt and hops. Darker versions of this style will be dark amber to dark brown, and the body should be light to medium in character. Roasted malts are optionally evident in aroma and flavor with a low level of roast malt astringency acceptable when appropriately balanced with malt sweetness. Roast malts may be evident as a cocoa/chocolate or light caramel character. Aromatic toffee-like, caramel, or biscuit-like characters may be part of the overall flavor/aroma profile. As in the lighter colored versions, diacetyl should not be perceived.

Original Gravity (°Plato):

1.047-1.056 (11.8-14 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.008-1.016 (2-4 °Plato)

Alcohol by Weight (Volume):

3.9-4.4% (4.9-5.5%)

Bitterness (IBU): 10-15

Color SRM (EBC): 4-25 (8-50 EBC)

Fruit Beers

Fruit beers are any beers using fruit or fruit extracts as an adjunct in either primary or secondary fermentation, providing obvious (ranging from subtle to intense), yet harmonious, fruit qualities. Fruit qualities should not be overpowered by hop character. If a fruit (such as juniper berry) has an herbal or spice quality, it is more appropriate to consider it in the herb and spice beers category. Acidic bacterial (not wild yeast) fermentation characters may be evident (but not necessary); they would contribute to acidity and enhance fruity balance. Clear or hazy beer is acceptable in appearance. A statement by the brewer explaining what fruits are used is essential in order for fair assessment in competitions. If this beer is a classic style with fruit, the brewer should specify the classic style. If this beer is a classic style with fruit the brewer should specify the classic style. If the beer is sweetened or uses a bacterial or Brettanomyces-type fermentation, the brewer should specify this information.

Original Gravity (°Plato):

1.030-1.110 (7.5-26 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.030 (1.5-7.5 °Plato)

Alcohol by Weight (Volume):

2-9.5% (2.5-12%)

Bitterness (IBU): 5-70

Color SRM (EBC): 5-50 (10-100 EBC)

Flavored Malt-Fermented Beverages

These are malt-fermented beverages that are enhanced with a variety of flavors, either natural or artificial. A minimum 51% of the fermentable carbohydrates must be derived from malted grains, furthermore the alcohol in these products must be 100% derived from the natural fermentation of the product. No distilled spirits in any form whatsoever are added to these products. Many of these beverages do not have any perceived hop character (and are most often made without hops). They are evaluated and assessed by their drinkability and balance of flavors. They most often do not have any beer-type character whatsoever.

Original Gravity (°Plato):

1.030-1.110 (7.5-26 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.030 (1.5-7.5 °Plato)

Alcohol by Weight (Volume):

2-9.5% (2.5-12%)

Bitterness (IBU): 10 or less

Color SRM (EBC): 0-50 (10-100 EBC)

Vegetable Beers

Vegetable beers are any beers using vegetables as an adjunct in either primary or secondary fermentation, providing obvious (ranging from subtle to intense), yet harmonious, qualities. Vegetable qualities should not be overpowered by hop character. If a vegetable (such as chili pepper) has an herbal or spice quality it should be classified as herb/spice beer category. A statement by the brewer explaining what vegetables are used is essential in order for fair assessment in competitions. If this beer is a classic style with vegetables, the brewer should specify the classic style.

Original Gravity (°Plato):

1.030-1.110 (7.5-26 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.030 (1.5-7.5 °Plato)

Alcohol by Weight (Volume):

2-9.5% (2.5-12%)

Bitterness (IBU): 5-70

Color SRM (EBC): 5-50 (10-100 EBC)

Chocolate/Cocoa-Flavored Beers

Chocolate beers use “dark” chocolate or cocoa in any of its forms other than or in addition to hops to create a distinct (ranging from subtle to intense) character. Under hopping allows chocolate to contribute to the flavor profile while not becoming excessively bitter. White Chocolate should not be entered into this category. If this beer is a classic style with chocolate or cocoa, the brewer should specify the classic style.

Original Gravity (°Plato):

1.030-1.110 (7.5-26 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.030 (1.5-7.5 °Plato)

Alcohol by Weight (Volume):

2-9.5% (2.5-12%)

Bitterness (IBU): 15-40

Color SRM (EBC): 15-50 (10-100 EBC)

Coffee-Flavored Beers

Coffee beers use coffee in any of its forms other than or in addition to hops to create a distinct (ranging from subtle to intense) character. Under hopping allows coffee to contribute to the flavor profile while not becoming excessively bitter. If this beer is a classic style with coffee flavor, the brewer should specify the classic style.

Original Gravity (°Plato):

1.030-1.110 (7.5-26 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.030 (1.5-7.5 °Plato)

Alcohol by Weight (Volume):

2-9.5% (2.5-12%)

Bitterness (IBU): 15-40

Color SRM (EBC): 15-50 (10-100 EBC)

Herb and Spice Beers

Herb beers use herbs or spices (derived from roots, seeds, fruits, vegetable, flowers, etc.) other than or in addition to hops

to create a distinct (ranging from subtle to intense) character, though individual characters of herbs and/or spices used may not always be identifiable. Under hopping often, but not always, allows the spice or herb to contribute to the flavor profile. Positive evaluations are significantly based on perceived balance of flavors. A statement by the brewer explaining what herbs or spices are used is essential in order for fair assessment in competitions. Specifying a style upon which the beer is based may help evaluation. If this beer is a classic style with an herb or spice, the brewer should specify the classic style. *Note: If no Chocolate or Coffee category exists in a competition, then chocolate and coffee beers should be entered in this category.*

Original Gravity (°Plato):

1.030-1.110 (7.5-26 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.030 (1.5-7.5 °Plato)

Alcohol by Weight (Volume):

2-9.5% (2.5-12%)

Bitterness (IBU): 5-70

Color SRM (EBC): 5-50 (10-100 EBC)

Specialty Beers

These beers are brewed using unusual fermentable sugars, grains and starches that contribute to alcohol content other than, or in addition to, malted barley. The distinctive characters of these special ingredients should be evident either in the aroma, flavor or overall balance of the beer, but not necessarily in overpowering quantities. For example, maple syrup or potatoes would be considered unusual. Rice, corn, or wheat are not considered unusual. Special ingredients must be listed when competing. A statement by the brewer explaining the “special nature (ingredient(s) and achieved character)” is essential in order for fair assessment in competitions. If this beer is a classic style with some specialty, the brewer should specify the classic style. (*Guidelines for competing: Spiced beers using unusual fermentables should be entered in the experimental category.*)

Original Gravity (°Plato):

1.030-1.110 (7.5-26 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.030 (1.5-7.5 °Plato)

Alcohol by Weight (Volume):

2-9.5% (2.5-12%)

Bitterness (IBU): 0-100

Color SRM (EBC): 1-100 (2-200 EBC)

Specialty Honey Lagers or Ales

These beers are brewed using honey in addition to malted barley. Beers may be brewed to a traditional style or may be experimental. Character of honey should be evident in flavor and aroma and balanced with the other components without overpowering them. If this beer is a classic style with honey, the brewer should specify the classic style.

Original Gravity (°Plato):

1.030-1.110 (7.5-26 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.030 (1.5-7.5 °Plato)

Alcohol by Weight (Volume):

2-9.5% (2.5-12%)

Bitterness (IBU): 0-100

Color SRM (EBC): 1-100 (2-200 EBC)

Gluten-free Beers

A beer (lager, ale or other) that is made from fermentable sugars, grains and converted carbohydrates. Ingredients do not contain gluten (No barley, wheat, spelt, oats, rye, etc). May or may not contain malted grains that do not contain gluten. Brewers design and identify these beers along other style guidelines with regard to flavor, aroma and appearance profile. In competitions, brewers identify ingredients and fermentation type.

Original Gravity (°Plato):

Varies with style

Apparent Extract/Final Gravity (°Plato):

Varies with style

Alcohol by Weight (Volume):

Varies with style

Bitterness (IBU): Varies with style

Color SRM (EBC): Varies with style

Smoke-Flavored Beer (Lager or Ale)

Any style of beer can be smoked; the goal is to reach a balance between the style's character and the smoky properties. Type of wood or other sources of smoke should be specified as well as the style the beer is based upon.

Experimental Beer (Lager or Ale)

An experimental beer is any beer (lager, ale or other) that is primarily grain-based and employs unusual techniques and/or ingredients. A minimum 51% of the fermentable carbohydrates must be derived from malted grains. The overall uniqueness of the process, ingredients used and creativity should be considered. Beers not easily matched to existing style categories in a competition would often be entered into this category. Beers that are a combination of other categories (spice, smoke, specialty, porter, etc.) could be entered into this category. A statement by the brewer explaining the “experimental nature” is essential in order for fair assessment in competitions. Generally, a 25-word statement would suffice in explaining the experimental nature of the beer.

Wood- and Barrel-Aged Beer

A wood- or barrel-aged beer is any lager, ale or hybrid beer, either a traditional style or a unique experimental beer that has been aged for a period of time in a wooden barrel or in contact with wood. This beer is aged with the intention of imparting the particularly unique character of the wood and/or what has previously been in the barrel. New wood character is often characterized as a complex blend of vanillin and unique wood character. Used sherry, bourbon, scotch, port, wine and other barrels are often used, imparting complexity and uniqueness to beer. Ultimately a balance of flavor, aroma and mouthfeel are sought with the marriage of new beer with wood and/or barrel flavors. *Style subcategories may be to differentiate between high alcohol and low alcohol beers and very dark and lighter colored beers. Fruit beers and non-fruit beers. Competitions may develop guidelines requesting brewers to specify what kind of wood (new or used oak, other wood varieties) and/or barrel (whiskey, port, sherry, wine, etc.) was used in the process. The brewer may be asked to explain the special nature (wood used, base beer style(s) and achieved character) of the beer. Competitions may develop guidelines for types of wood barrels used; e.g., wine, whiskey, port, new, etc. barrels*

Aged Beer (Ale or Lager)

Beers aged for over one year. Generally beers with high hopping rates, roast malt content, high alcohol content, complex herbal content and some acidic beers may develop attributes that are enhanced with extended aging, though a brewer may brew any type of beer of any strength and enhance its character with extended and creative aging conditions. Beers in this category may be aged in any type of food grade vessel. Competition organizer may develop guidelines in which aged beers are subcategorized by aging time, vessel, styles, etc.

Original Gravity (°Plato):

1.030-1.110 (7.5-26 °Plato)

Apparent Extract/Final Gravity (°Plato):

1.006-1.030 (1.5-7.5 °Plato)

Alcohol by Weight (Volume):

2-9.5% (2.5-12%)

Bitterness (IBU): 0-100

Color SRM (EBC): 1-100 (2-200 EBC)

Non-Alcoholic (Beer) Malt Beverages

Non-alcoholic (NA) malt beverages should emulate the character of a previously listed category/subcategory designation but without the alcohol (less than 0.5 percent). Non-alcoholic (beer) malt beverages will inherently have a profile lacking the complexity and balance of flavors which can be attributed to alcohol. They should accordingly not be assessed negatively for reasons related to the absence of alcohol.

Alcohol-Free Malt Tonic

Commonly called "Malta" or "Malt Tonic" in Latin America and in some African nations, this beverage is essentially unfermented dark wort sometimes brewed from all malt though more commonly with malt and grain or sugar adjuncts. It is very sweet and full bodied with mild hop bitterness. It typically has a “worty” (unfermented beer) flavor. Additional flavoring such as chocolate, caramel and vanilla are often added. The overall character is distinctively sweet. This beverage does not go through any type of fermentation.

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- Peter Camps and Christine Celis, formerly of Celis Brewing Co., Austin, Texas
- Jeanne and Glenn Colon-Bonet, past co-directors of Great American Beer Festival Professional
- Ray Daniels, author *Designing Great Beers*, past-Editor in chief *New Brewer* and *Zymurgy* magazines, Director Brewers Publications, Director Craft Beer Marketing (Brewers Association), Boulder, Colorado and Chicago, Illinois.
- Mark Dorber, British Guild of Beer Writers, and White Horse on Parson's Green, London, U.K.
- Dr. George Fix, Arlington, Texas
- Paul Gatza, Director American Homebrewers Association and Institute for Brewing Studies, past Great American Beer Festival and World Beer Cup judge director.
- Michael Jackson, author/journalist, London, U.K.
- Finn B. Knudsen, President, Beverage Consult International Inc., Evergreen, Colo.
- Gary Luther, Senior Brewing Staff, Miller Brewing Co., Milwaukee, Wis.
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- Fred Scheer, Brewmaster, Boscovs, Nashville, Tenn.
- Poul Sigsgaard, Scandinavian School of Brewing, Copenhagen, Denmark
- Pete Slosberg, Pete's Brewing., Palo Alto, Calif.
- James Spence, former National Homebrew Competition Director, American Homebrewers Association, Boulder, Colo.
- Chris Swersey, Competition Manager, Great American Beer Festival and World Beer Cup.
- Keith Thomas, Campaign for Real Ale (CAMRA), St. Albans, U.K.
- Amahl Turczyn, Former Project Coordinator, American Homebrewers Association, Boulder, Colo.
- Thom Tomlinson, past director of Great American Beer Festival Professional Blind Panel Judging

Brewers, homebrewers, beer enthusiasts, Scott Bickham, Al Korzonas, Al Kinchen, Jim Liddil, Marc Hugentobler, George De Piro, Hubert Smith, David Houseman, Stephen Klump, Ray Daniels, Jim Homer, Virginia Wotring
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American Homebrewers Association National Competition Committee 1993-1999
Judges of Great American Beer Festival® Judging Panel 1993-2005
Judges of the World Beer Cup® 1996, 1998, 2000, 2002, 2004
Personal travels, tastings, and evaluations of beer and brewing experience, 1974 to 2005