

WSET® Level 3 Award in Spirits



Specification

WSET® Level 3 Award in Spirits

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Designed by Paul Barrett

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Introduction

This Specification contains necessary information for both candidates and Approved Programme Providers (APPs) about the WSET Level 3 Award in Spirits.

The main part of the document is a detailed statement of the learning outcomes of the Level 3 Award in Spirits. These outcomes should be used by APPs to prepare programmes of learning, and by candidates to plan their studies, because the examination is specifically set to test these outcomes.

The Specification also provides a list of recommended tasting samples, guidance concerning the examination and the examination regulations.

At the end of this document you will also find information on the other WSET qualifications and WSET's qualification division, WSET Awards.

Introduction to the WSET Level 3 Award in Spirits

Qualification Aims

The WSET Level 3 Award in Spirits is designed to give a thorough understanding of the factors that account for the style and quality of spirits. The qualification will prepare candidates with the skills required to make professional evaluations of spirits with regards to their style and quality. The qualification provides the in-depth knowledge required to underpin job skills and competencies, for example in product selection in the retail and hospitality sectors.

Successful candidates will be able to describe the characteristics of the principal spirits of the world and give information concerning the key factors influencing style and quality. They will consequently be in a position to advise management, to answer customer queries authoritatively, and to make informed selections of spirits in a variety of situations.

Qualification Structure

Learning Outcomes

In order to meet the qualification aims there are four learning outcomes spread over two Units. In order to gain the WSET Level 3 Award in Spirits candidates must pass both Units.

Unit 1: The Theory of the Spirits of the World		
Learning Outcome 1	Understand the principal factors involved in the production of spirits and how they influence style and quality.	
Learning Outcome 2	Understand the key characteristics and labelling terms of the selected global spirits and how legal frameworks and production choices influence their style and quality.	
Learning Outcome 3	Understand the key characteristics of other named global spirits, their labelling terms and key production choices that are made.	
Unit 2: The Analytical Tasting of Spirits		
Learning Outcome 1	Describe the key characteristics of selected global spirits and use the description to identify a spirit's quality level, giving supporting reasons, and its category.	

Entry Requirements

The WSET Level 2 Award in Spirits or an equivalent level of experience is recommended for entry to the WSET level 3 Award in Spirits. Potential candidates should discuss their current level of knowledge with their APP before enrolling on the course, to ensure that this is a suitable qualification for them to undertake.

Please refer to section Entry Requirements on page 24 for additional eligibility information.

Total Qualification Time (TQT) and Guided Learning Hours (GLH)

TQT is an estimate of the total amount of time, measured in hours, that a learner would reasonably need to be able to show the level of achievement necessary for the award of a qualification. It is made up of GLH and private study time. GLH include all tutor-supervised learning and supervised assessments.

The TQT for the Level 3 Award in Spirits is 84 hours. This is made up of $32\frac{1}{2}$ GLH (of which $2\frac{1}{2}$ hours are for the examination) and $5\frac{1}{2}$ hours of private study.

Learning Outcomes

Unit 1 The Theory of Spirits of the World

Learning Outcome 1

Understand the principal factors involved in the production of spirits and how they influence style and quality.

Assessment Criteria

- 1 Describe how raw materials are processed in spirits production.
- **2** Describe the processes used during fermentation, distillation and the post-distillation period in spirits production.
- **3** Explain how processes related to raw materials, fermentation, distillation and post-distillation influence the style and quality of spirits.

Range 1: Processing raw materials			
Provided by raw materials	Simple carbohydrate/fermentable sugars (glucose, fructose, sucrose), complex carbohydrates (starch, fructans), aromas/flavours		
Fermentable Sugars			
Raw materials	Fruits (any)		
	Principal types of fruit – Grapes, pomace, stone fruit, soft fruit, pip fruit		
	Sugar cane		
	Sugar cane juice, cane syrup, molasses, brown sugar		
Processing	Processing challenges – Spoilage, oxidation, management strategies		
	Fruits		
	Fermentation option — Crush, press, fruit juice / crush, fruit pulp and juice		
	Maceration option — Macerate in diluted neutral alcohol, distil		
	Pomace - White grape pomace (dilute, ferment, distil), black grape pomace (distil)		
	Sugar Cane		
	Sugar cane juice — Crush, sugar cane juice, pasteurisation, clarification		
	Refining — Sugar cane syrup, evaporation, centrifugation, grades of molasses, grades of brown sugar		
Starch			
Raw material	Grains – Barley, wheat, rye, corn (maize), sorghum, rice,		
	Parts of grains – Husk, bran, germ, endosperm		
	Potatoes		

Processing starch	Starch – Formation, starch granules, modification, gelatinisation, gelatinisation temperatures, enzymatic hydrolysis (amylases)	
	Grains – Malting, green malt, milling, mashing; distillers' malt, speciality malts; cooking, adding enzymes (endogenous or exogenous)	
	Potatoes – Cooking, adding enzymes (exogenous)	
	Endogenous enzymes – Malted grain	
	Exogenous enzymes – Bought-in enzymes, filamentous fungi, <i>kōji</i> , <i>qu</i> , <i>nuruk</i>	
Fructans		
Raw materials	Agave (any)	
Processing fructans	Fructan structure, inulin	
nactans	Agave	
	Cooking <i>piñas</i> – Steaming or roasting <i>piñas</i> (Maillard reactions), milling, dilute with water, formulation (optional)	
	Cooking extracted juice – Shredding, flush with hot water (acid use optional), cook extracted liquid	
Range 2: Fermentat	ion	
Key principles	Yeasts' environment requirements — Acid, temperature	
	Yeasts' nutritional requirements – Fermentable sugars, nitrogen-	
	Yeast outputs from sugar metabolism – Ethanol, carbon dioxide, heat	
	Other yeast outputs — Methanol, fusel alcohols, fatty acids, esters, sulfur compounds	
Approaches to	Cultured yeast (single or multiple strains), ambient/wild yeast	
fermentation	Sequential fermentation, parallel fermentation	
	Liquid-state fermentation, semi-solid-state fermentation, solid-state fermentation	
Bacteria	Malolactic conversion (lactic acid bacteria)	
	Flavour creation (long fermentation)	
Range 3: Distillation	1	
Key principles	Concentration and selection	
	Boiling and volatility	
	Reflux and rectification – Temperature gradient	
	Fractions in an alcoholic liquid – Group 1, Group 2, Group 3, Group 4	
	Managing reflux in a still – Still height, controlling heat input, dephlegmator, rectification plates	
	Flavour Management in the still – Maillard reactions, esterification, varying pressure in the still, copper/clay and sulfur compounds	
	Type of distillation – Liquid-state distillation, solid-state distillation	
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Pot Stills	Common Features
	Heat source — Direct heat, indirect steam heat (coils, jackets, heat exchangers), steam injection
	Structure – Pot, swan neck (<i>chapiteau</i>), still head, lyne arm (<i>col de cygne</i>), rectification plates
	Condensers – Dephlegmator (head condenser), shell and tube, worm tub, 'bowl of water' (Mezcal)
	Batch Distillation
	Outline of Scottish Double Pot Still Distillation
	 1st Distillation – Liquid waste and low wines 2nd Distillation – Heads, heart, tails, liquid waste, recycle heads and tails
	Using cuts to spirit style – Inclusions and exclusions
	Advantages and challenges of using pot stills
Column stills,	Common Features
hybrid stills	Heat source — Direct heat, indirect steam heat (reboiler, steam jacket), steam injection
	Managing reflux – Rectification plates (sieve plate, bubble cap plate, downcomer), packed columns
	Condensers – Worm tub, dephlegmator (head condenser), shell and tube
	Approaches to Column Still Distillation
	Dynamic equilibrium – Reaching and maintaining, separation of fractions over still height
	Continuous distillation — Single-column still, double-column still (Coffey still, analyser, stripper, rectifier), multiple-column still (hydroselection, demethylising)
	Batch distillation – Hybrid stills

Range 4: Post-distillation			
Oak	Key Functions – Additive (colour, aroma/flavour, texture, oxygen), subtractive (char, evaporative loss)		
	Vessel design – Species of oak (American, European), size		
	Vessel's previous use – Age (refreshing), previous contents, sulfur taint		
	Vessel in use – Fill strength, temperature (variation), humidity, time (rancio, esterification)		
	Wood management policy — Match spirit and wood, barrel location (within warehouse, warehouse location), re-barrelling, wood finishing		
	Oak alternatives – Chips, cubes, staves		
Inert vessels	Materials – stainless steel, glass, pottery, earthenware		
	Uses – Storage, maturation (change to flavour and texture), preservation		

Adding flavours other than oak	Types of flavour – Botanicals, animal flavourings, other flavourings	
	Tinctures – Maceration, percolation	
	Distillates — Re-distillation (one-shot, multi-shot, position of botanicals in still, still management (cuts, temperature management), vacuum distillation, all-together/individually)	
	Other – Adding other flavourings, adding animal flavourings (cream, egg yolk)	
Adjusting	Filtration — Removing visual imperfections (coarse filtration, chill-filtration), carbon filtration (Lincoln County Process, activated charcoal)	
	Adding colour — Caramel colour (E150a), natural colours, artificial colours	
	Adding sweetness — Sugar, syrup barrels	
	Adjusting texture – Glycerol, sugar, <i>abocante</i> , <i>boisé</i> , vodka additives	
	Adjusting alcohol – Water (distillation, filtration, UV light, reverse osmosis, ion exchange), <i>faibles</i>	
Blending	Creating style and complexity, managing consistency	
Packaging	Containers – Glass, PET	
	Closures – Screw caps, stoppers	

Learning Outcome 2

Understand the key characteristics and labelling terms of the selected global spirits and how legal frameworks and production choices influence their style and quality.

Assessment Criteria

- 1 Describe the style and quality of the selected global spirits.
- **2** Describe the legal framework for the selected global spirits and explain how it can influence their style and quality.
- **3** Apply knowledge of production to explain how choices made at any of the four key stages of production influence the style and quality of the selected global spirits.

Range 1: Legal framework and key production choices		
Scotch Whisky		
Styles of Scotch Whisky	Single Malt Whisky and Blended Scotch Whisky	
Legal Framework	Production	
	Raw material – Permitted grains, permitted source of enzymes	
	Distillation – Permitted still types, maximum distillation strength	
	Post-distillation – Maximum barrel size, minimum age, permitted additions	
	Labelling Terms	
	Single Malt Scotch Whisky, Single Grain Scotch Whisky, Blended Malt Scotch Whisky, Blended Grain Scotch Whisky, Blended Scotch Whisky, age statements, vintage dates, Highland, Lowland, Speyside, Islay, Campbeltown	
Production choices that	Processing raw materials — Variety of barley (malted), peat, wheat and corn (cooked)	
influence style and quality	Fermentation — Cultured yeast, bacteria	
,	Distillation — Double pot still distillation (Scottish model), direct heat (Maillard reactions), indirect heat, still height, purifiers, angle of lyne arm, shell and tube (copper, other), worm tub, cut points	
	Column still distillation (single- and double-column), distillation strength	
	Post-distillation – Centralised warehouses, type of warehouse (dunnage, racked, palletised), barrel position in the warehouse, ex-ASB, ex-Sherry butts, wood finishing, time (fall in abv), blending, dilution or cask strength, chill-filtration, caramel colour	
Whiskey in the USA: Bourbon, Rye Whiskey and Tennessee Whiskey		
Styles of American whisky	Bourbon, Rye Whiskey and Tennessee Whiskey	

Legal framework	Production
	Raw material – Permitted grains, permitted source of enzymes
	Distillation – Maximum distillation strength
	Post-distillation — Lincoln County Process (Tennessee Whiskey), maximum barrel entry proof, new charred oak vessel, bottling proof
	Labelling Terms
	Straight, Bottled in Bond, age statements, Bourbon, Rye Whiskey, Tennessee Whiskey
Production choices that	Processing raw materials – Corn, rye, wheat, cooking, malted barley, other (craft), mash bill, exogenous enzymes
influence style and quality	Fermentation – Sour mashing, cultured yeast, recipe
and quanty	Distillation – Beer still, doubler, thumper, backset, distillation strength, pot still
	Post-distillation – Barrel entry proof, new charred oak barrels, barrel sizes, oak alternatives, warehouse location, barrel position in the warehouse, time (rise in abv), blending, dilution or barrel strength, chill-filtration
	Other labelling terms – Small Batch, Single Barrel
Cognac	
Styles of Cognac	VS, VSOP and XO
Legal framework	Production
	Raw material – Permitted grape varieties grown in a designated area,
	Distillation – Alambic Charentais sizes and design, double pot still distillation using Alambic Charentais, maximum distillation strength, distillation complete by 31st March
	Post-distillation — Minimum period of maturation in oak barrels, <i>compte</i> system, permitted additions
	Labelling Terms
	Grande Champagne, Petite Champagne, Fine Champagne, Borderies, Fins Bois, Bon Bois, Bois Ordinaires, VS, <i>Trois Étoiles</i> , VSOP, <i>Réserve</i> , <i>Napoléon</i> , XO, <i>Hors d'Age</i>
Production	Raw material – Ugni Blanc, vineyard location
choices that	Fermentation – Cultured yeast, malolactic conversion, removal of gross lees
influence style and quality	Distillation – Who distilled the spirit, when the wines are distilled, direct heat, distillation with fine lees, recycling the <i>secondes</i> , Martell method, Rémy Martin method
	Post-distillation – <i>Coupes</i> , new oak barrels, old oak barrels, wet cellars, dry cellars, re-barrelling, time, glass demijohns, syrup barrels, sugar, <i>faibles</i> , caramel colour, <i>boisé</i> , chill-filtration

Armagnac	
Styles of Armagnac	Blanche, VS, VSOP and XO, age statements
Legal framework	Production
	Raw material – Permitted grapes varieties grown in a designated area
	Distillation – <i>Alambic Armagnacais</i> required, design, single column distillation using <i>Alambic Armagnacais</i> , minimum and maximum distillation strength, distillation complete by 31st March, double pot still distillation using <i>Alambic Charentais</i> (optional)
	Post-distillation – Minimum period of storage in inert vessels (<i>Blanche</i>), minimum period of maturation in oak barrels (all others), <i>compte</i> system, permitted additions
	Labelling Terms
	Haut-Armagnac, Bas-Armagnac, Armagnac-Ténarèze, <i>Blanche</i> Armagnac, VS, <i>Trois Étoiles</i> , VSOP, XO, <i>Hors d'Age</i> , Vintage
Production choices that	Raw material — Ugni Blanc, Baco, Folle Blanche, Colombard, vineyard location
influence style and quality	Fermentation – Cultured yeast, malolactic conversion, removal of gross lees
and quanty	Distillation – Who distilled the spirit, when the wines are distilled, direct heat, distillation with fine lees, optional devices to enhance reflux or exclusions
	Post-distillation – Stainless steel tanks, <i>coupes</i> , new oak barrels, old oak barrels, wet cellars, dry cellars, re-barrelling, time, glass demijohns, syrup barrels, sugar, <i>faibles</i> , caramel colour, <i>boisé</i> , chill-filtration
Caribbean rum	
Featured producing	Islands — Martinique, Guadeloupe, Haiti, Cuba, Puerto Rico, Jamaica, Barbados, Trinidad and Tobago
countries/regions of Caribbean rum	Central and South America – Guatemala, Nicaragua, Panama, Colombia, Venezuela, Guyana
Legal Framework	Production
	EU – Molasses, cane syrup, sugar cane juice, maximum distillation strength, minimum bottling strength, no added flavour, maximum level of sweetness, <i>rhum agricole</i>
	USA – Molasses, cane syrup, sugar cane juice, sugar, maximum distillation strength, minimum bottling strength
	Martinique
	Raw material — Martinique grown sugar cane, sugar cane juice
	Fermentation – Maximum duration, maximum alcohol strength
	Distillation – Defined single column still, maximum and minimum distillation strength
	Post-distillation — Minimum period of storage in inert vessels (<i>rhum blanc</i>), minimum period of maturation in oak barrels (<i>rhum vieux</i>)

Legal Framework	Cuba
	Raw material – Molasses from sugar cane grown in Cuba
	Fermentation – Cultured yeast appropriate for style
	Distillation – Column still distillation (<i>aguardiente</i> , superfine cane spirit)
	Post-distillation — Oak maturation, 1 st ageing (required), 2 nd ageing (required), 3 rd ageing (optional), no additives or flavourings permitted
	Jamaica
	Raw material — Sugar cane juice, cane syrup, molasses, sugar
	Post-distillation — unaged or oak-aged, only water and caramel (oak-aged) are permitted
	Labelling Terms
	EU – Rhum agricole
	Martinique – Rhum Blanc, Rhum Vieux, VO, VSOP, Réserve Spéciale, Cuvée Spéciale, Très Vieux, Extra Vieux, Grande Réserve, Hors d'Age, XO, Vintage
	Cuba – Ron Añejo Blanco, Ron Añejo Carta Blanca, Ron Añejo Carta Oro, Ron Añejo Reserva, Ron Añejo, Ron Extra Añejo
Production	Raw material – Sugar cane juice, cane syrup, blackstrap molasses
choices that affect style and quality	Fermentation — Adding acid, adding nitrogen, short fermentations, long fermentations, yeast and bacteria, dunder, muck
	Distillation – Pot stills, pot stills with retorts, single-column stills, double-column stills,multiple-column stills
	Post-distillation — Unaged, short ageing (colour removed by activated charcoal filtration), oak maturation (Caribbean, continental, wood finishing, re-barrelling, 'solera'), blending (single distillery, multi-distillery), caramel colour, adding sweetness, dilution (overproof), chill-filtration
	Other labelling terms – Overproof, Navy Strength, Common Cleans, Plummers, Wedderburn, Continental Flavoured/High Ester
Tequila	
Styles of Tequila	Blanco, Joven, Reposado, Añejo, Extra Añejo
Legal framework	Production
	Raw material — Blue agave/Agave tequilana Weber (var azul), grown in Jalisco or specified municipalities in four other states
	Conversion, extraction and formulation — Heat, acids, 49% non-agave sugars
	Post-distillation – Inert vessels or wood vessels (depends on class of Tequila), additives (<i>abocante</i> , others for colour, flavour and sweetness)
	Labelling Terms
	Category – Tequila, Tequila 100% agave
	Class – Blanco, Plata, Silver, Joven, Oro, Gold, Reposado, Añejo, Extra Añejo

Production choices that influence style and quality	Raw material — Highland, Tequila Valley, maturity of agave, trimming <i>piña</i> , removal of <i>cogollo</i>
	Conversion and extraction — Hornos de mampostería (brick oven), autoclaves, tahona, mechanised mills, diffuser (use after cooking, use before cooking)
	Formulation and Fermentation — Non-agave sugars, agave fibres, yeast nutrients, cultured or ambient yeast
	Distillation – Pot still, column still, distillation strength
	Post-distillation (usage dependent on class) – Vessel (inert, <i>pipones</i> , ex-ASB, other), additives (<i>abocante</i> , others), blending, dilution, chill-filtration
Mezcal	
Styles of Mezcal	Blanco Mezcal
Legal Framework	Production
	Raw material — Any species of agave, grown in designated municipalities of Oaxaca and eight other states
	Conversion and extraction (usage depending on category) — Hornos de pozo (fire pit), hornos de mampostería (brick oven), autoclaves, mallets, tahona, mechanised mills, diffuser
	Fermentation (usage dependent on category) — Stone/soil pits, hollowed out tree trunk, masonary, wood, clay or inert vessels, animal skins, agave fibres
	Distillation (usage dependent on category) – Column stills, copper pot stills, Asian style clay pot stills, agave fibres
	Post-distillation (usage dependent on category) – Storage/maturation (inert, clay or wood), re-distilled with flavourings, macerated with flavourings, additives (colour, flavour and sweetness)
	Labelling Terms
	Category – Mezcal, Artisanal Mezcal, Ancestral Mezcal
	Class — Blanco, Joven, Madurado en vidrio, Reposado, Añejo, Abocado con, Destilado con
	Other required labelling terms - 100% agave, name of agave(s) used, period of maturation (Añejo, Madurado en vidrio)
Production	Raw material — Variety of agave, Agave angustifolia Haw (var. espadín)
choices that influence style and quality	Conversion and extraction — Hornos de pozo (fire pit), hornos de mampostería (brick oven), hand crushing, tahona, mills
	Fermentation – Agave fibres, ambient yeast, bacteria, vessel (inert, other), duration
	Distillation — Column stills, pot stills (various depending on category), Asian style clay pot stills
	Post-distillation – Vessel (inert, other), maceration/re-distillation with fruits, spices or meat, blending the cuts
	Other labelling terms – Pechuga

Vodka	
Styles of vodka	Neutral, characterful
Legal framework	Production
	Raw material – Typically any raw material (Canada an exception)
	Distillation – Minimum distillation strength EU and USA
	Post-distillation – Minimum bottling strength EU and USA
	Labelling Terms
	EU – Raw material must be stated unless it is grain or potato
Key choices	Raw material – Corn, wheat, barley, rye, potato
during production	Fermentation – Cultured yeast
	Distillation — Column still distillation, hydroselection, de-methylising, hybrid stills
	Post-distillation – Chill-filtration, charcoal filtration, purity of diluting water (distillation, filtration, UV light, ion exchange, reverse osmosis), sugar, glycerol, vodka additives
Gin	
Styles of gin	Classic juniper forward, contemporary
Legal framework	Production
	Base spirit – Neutral Spirit (EU), any spirit (USA)
	Botanicals – Juniper
	Post-distillation — Sugar addition, minimum bottling strength
	Labelling Terms
	USA – Gin, Distilled Gin
	EU – Gin, Distilled Gin, London Gin/London Dry Gin
Production	Base spirit — Neutral spirit, other
choices that influence style	Botanicals – Recipe
and quality	Re-distillation — Vacuum, cuts, one-shot, multi-shot, re-distil botanicals together or individually, position of botanicals in still
	Post-distillation – Adding other flavourings, adding sugar, wood barrels, blending
	Other labelling terms — Old Tom

Learning Outcome 3

Understand the key characteristics of other named global spirits, their labelling terms and key production choices that are made.

Assessment Criteria

- 1 Describe the style typical of the other named global spirits.
- 2 State the meaning of legally defined and other commonly used labelling terms.
- **3** State the key legally defined and/or optional production choices that are made during the production of the other named global spirits.

Range 1: Other whis	Range 1: Other whiskies	
Irish whiskey		
Production	Raw materials — Malted barley, unmalted barley, corn/maize, mash bills	
choices	Distillation – Pot stills (triple pot still distillation), column stills, maximum distillation strength	
	Post-distillation – Ex-ASB, ex-Sherry butts, other, minimum period of and location of maturation, oak not required, caramel colour	
Defined labelling terms	Pot Still Irish Whiskey/Irish Pot Still Whiskey, Malt Irish Whiskey/Irish Malt Whiskey, Grain Irish Whiskey/Irish Grain Whiskey, Blended Irish Whiskey/Irish Blended Whiskey	
Other whiskies of the USA		
Production	Raw materials – Minimum percentage of principal grain, speciality malts (craft)	
choices	Distillation – Maximum distillation strength	
	Post-distillation – Permitted containers	
Defined labelling terms	Wheat, Malt, Corn, Straight, Bottled in Bond	
Canadian whisky		
Production	Raw materials – Corn, rye, others	
choices	Distillation – Base whiskies, flavouring whiskies	
	Post-distillation – New and old barrels of various types, minimum period of maturation	
	Other – Blending, caramel colour, flavourings (limited to 9.09% for exported Canadian whisky)	
Defined labelling terms	Canadian Rye Whisky, Rye Whisky	

Japanese whisky		
Production choices	Raw materials — Malted Barley (peated Distillation — Malt whiskies (double powhiskies (column stills various designs)	t still distillation Scottish model), grain
	Post-distillation – Oak, mizunara	,
	Other – Blended whiskies	
Range 2: Asian spir	its	
Shōchū		
Production choices	Raw material – Unmalted grains (short sweet potatoes, sake lees, brown suga	
	Processing and fermentation $-K\bar{o}ji$, to semi-solid-state fermentation	wo step, one step (Awamori), parallel
	Distillation — Continuous column still o (<i>Honkaku Shōchū, Awamori</i>), vacuum (
	Post-distillation – storage/maturation components	earthenware pots, skimming off oily
Defined labelling	Honkaku Shōchū, Awamori	
terms	Sweet potato – lmo shōchū, Satsuma shōchū	Sake lees – Sake- <i>kasu shōchū</i>
	Barley – Mugi shōchū, lki shōchū	Long grain rice – Ryūkyū <i>Awamori</i>
	Rice – Kome shōchū, Kuma shōchū	Sugar cane – Kokutō shōchū
Baijiu		
Production	Raw material – Sorghum, rice, corn, w	heat
choices	Qu – Big <i>qu</i> , small <i>qu</i> , bran <i>qu</i>	
	Fermentation — Parallel solid-state fermen Sauce Aroma), semi-solid-state fermen	mentation, fermentation pits (Strong and tation (Rice Aroma)
	Distillation — Traditional <i>baijiu</i> stills (Str (Rice Aroma)	rong and Sauce Aroma), other stills
	Post-distillation – Pottery vessels, stai	nless steel vessels
Subcategories of	Strong Aroma, Sauce Aroma, Light Aro	ma, Rice Aroma
baijiu	Phoenix Aroma, Sesame Aroma, Laoba Special Aroma, Extra-strong Aroma, Me	aigan Aroma, Chi Aroma, Mixed Aroma, edicine Aroma
Soju		
Defined styles	Diluted-soju, distilled-soju	

Production choices	Diluted-Soju
	Base spirit – Highly rectified spirit
	Production – Distillation techniques, dilution, activated charcoal filtration, flavourings
	Distilled-Soju
	Raw material and processing – Rice, barley, sweet potato, <i>nuruk</i> , <i>ipkook</i>
	Distillation – Single distillation
	Post-distillation — Maturation (ceramic, inert or oak vessels)
Range 3: Other fruit	spirits
Brandy de Jerez	
Production	Key grape – Airén (La Mancha)
choices	Distillation – Pot still and column stills, <i>holandés</i> , <i>aguardientes</i> , <i>destilados</i> , required distillation strengths
	Post-distillation – <i>Solera</i> system (Jerez), blending, added sweetness
Defined labelling terms	Solera, Solera Reserva, Solera Gran Reserva
Chilean pisco	
Production	Key grapes – Typically aromatic
choices	Distillation – Pot still distillation (maximum distillation strength)
	Post-distillation – Minimum resting period, wood ageing (local woods)
Defined labelling terms	Corriente/Tradicional, Especial, Reservado, Gran Pisco, Guarda, Envejecido
Peruvian pisco	
Production	Key Grapes — Aromatic, non-aromatic
choices	Distillation — Single pot still distillation, distillation of wine prior to end of fermentation (optional), maximum and minimum distillation strength
	Post-distillation — Minimum resting period in inert vessels, nothing may be added prior to bottling
Defined labelling terms	Pisco Puro, Pisco Mosto Verde, Pisco Alcolado
South African brand	у
Production choices	Key grapes – Colombard, Chenin Blanc
	Distillation — Pot stills (maximum distillation strength), column stills (neutral spirit, optional)
	Maturation – Oak barrels, minimum ageing requirements
Defined labelling terms	(Blended) Brandy, Pot Still Brandy, Vintage Brandy

Grappa		
Production choices	Raw materials — White grape pomace, black grape pomace Fermentation — Only required for white grape pomace Distillation — Steam injected pot stills (batch), steam injected column stills (continuous), maximum distillation strength. Post-distillation — Inert vessels, wood vessels (various species of wood), sugar, caramel colour	
Defined labelling terms	Vecchia, invecchiata, riserva, stravecchia, varietal labelling (one variety or two)	
Calvados		
Production choices Defined labelling terms	Fruit – Apples and pears Distillation – Pot stills and column stills Post-distillation – Large old oak vessels typical (foudres) Calvados, Calvados Pays d'Auge, Calvados Domfrontais Trois Étoiles, Trois Pommes, VS, Vieux, Réserve, VO, VSOP, Vieille Réserve,	
European fruit spirits	XO, Hors d'âge, Très Vieille Réserve, Très Vieux, Extra, Napoléon, age statements	
Important regions and countries	Alsace (France), Germany, Austria, Switzerland, Northern Italy, Central Europe	
Production choices	Pip fruit – Williams pear (Poire William), apples, quince Stone fruit – Plums, cherries, apricots Soft fruit – Strawberry, raspberry Processing – Fermentation then distillation, maceration in neutral spirit then distillation, maximum distillation strength Post-distillation – Unaged, inert vessels, wood vessels	
Range 4: Other suga	er cane spirits	
Cachaça		
Production choices	Raw material — Sugar cane juice from sugar cane grown in Brazil Post-distillation — Unaged, wood maturation (oak and other woods), sugar, caramel colour	
Defined labelling terms	Adoçada, Prata, Clássica, Tradicional, Ouro, Envelhecida, Premium, Extra Premium	
Other countries		
	India, Philippines, USA, Australia	

Range 5: Other agave spirits and Sotol		
Bacanora		
Production choices	Location — Sonora Agave species — Agave espadín	
Defined labelling terms	Blanco, Joven/Oro, Reposado, Añejo	
Raicilla		
Production choices	Location – Jalisco Agave species – Various	
Sotol		
Production choices	Location — Chihuahua, Coahuila, Durango Raw material — Dasylirion wheeleri	
Defined labelling terms	Sotol, Sotol 100% Puro, Blanco, Joven/Oro, Reposado, Añejo	

Range 6: Other flavoured spirits and aromatised wines		
Genever		
Production	Base Spirit – Neutral spirit, moutwijn	
choices	Flavouring – Botanical recipe, juniper must be used, re-distillation	
	Other – Oak maturation, sugar, caramel colour (Oude Genever)	
Defined labelling terms	Jonge Genever, Oude Genever, Graangenever	
Flavoured vodka		
Production	Base spirit — Neutral spirit	
choices	Flavouring options – Tinctures, distillates, adding other flavourings	
	Types of flavours – Botanicals, other flavourings	
	Other – Colour, sweetness	
Styles	Traditional, modern	
Aniseed flavoured s	Aniseed flavoured spirits	
Production	Base spirit – Neutral spirit, suma (rakı)	
choices	Plants with anethole — Aniseed, star anise, fennel	
	Flavouring options and types – Tinctures, distillates, adding other flavourings	
	Other – Colour (natural, artificial), sugar, blending, bottling strength	

I		
Defined labelling terms	Pastis, Pastis de Marseilles, Ouzo, Rakı	
Other	Absinthe (wormwood, thujone)	
Aquavit/akvavit		
Production	Base spirit – Neutral spirit	
choices	Key flavours – Largely attributable to caraway and/or dill seeds,	
	Flavouring options and types – Distillates of caraway and/or dill seeds, adding other flavourings	
	Other – Oak maturation	
Bitters		
Production	Base spirit – Neutral spirit	
choices	Flavouring options and types – Maceration to add bitter tastes (quinine, gentian, bitter orange, rhubarb root), distillates, tinctures, adding other flavourings	
	Other – Oak maturation, caramel colour, sweetness	
Styles of bitter	Aperitif, digestif and cocktail	
Spiced rum		
Production	Base spirit – Rum	
choices	Flavouring options and types – Tinctures, adding other flavourings	
	Other – Oak maturation, caramel colour, sweetness	
Flavoured whiskey		
Production	Base spirit – Oak aged whiskey	
choices	Flavouring options and types – Tinctures, adding other flavourings	
	Other – Sweetness	
Liqueurs		
Production	Base spirit – Any	
choices	Flavouring options and types – Distillates, tinctures, adding animal flavourings (cream, egg yolk), adding other flavourings	
	Other – Sweetness, oak maturation, unaged, colour (natural, artificial)	
Defined labelling	USA – Minimum level of sweetness	
terms	EU – Minimum level of sweetness, minimum bottling strength	
	Crème de, Crème de Cassis, Advocaat, Sloe gin, Sambuca	

Aromatised Wines	
Production choices	Key botanicals – wormwood, gentian, quinine Other – base wine, fortifying alcohol, botanical recipe, sweetness, blending, caramel colour, maturation
Defined labelling terms	Vermouth, Americano, Quinquina/Chinato Extra dry, dry, semi-dry, semi-sweet, sweet

Unit 2 The Analytical Tasting of Spirits

Learning Outcome 1

Describe the key characteristics of selected global spirits and use the description to identify a spirit's quality level, giving supporting reasons, and its category.

Assessment Criteria

- 1 Describe the key characteristics of the selected global spirits using the WSET Level 3 Systematic Approach to Tasting Spirits®.
- 2 Identify the quality level of the spirit, giving supporting reasons, and its category.

Range 1: Selected global spirits	
Selected global spirits	Scotch Whisky (Single Malt Scotch Whisky, Blended Scotch Whisky), American Whiskey (Bourbon, Rye Whiskey), Grape Brandy (Cognac, Armagnac), Caribbean rum, Agave spirits (Tequila, Mezcal), gin
Range 2: WSET Level 3 Systematic Approach to Tasting Spirits	
APPEARANCE	
Clarity	clear — hazy (faulty?)
Intensity	water-white – pale – medium – deep – opaque
Colour	colourless – lemon – gold – amber – brown pink – red – orange – yellow – green – blue – purple – brown – black
Other louching observations other	slightly hazy – cloudy and opaque particles

NOSE		
Condition clean – unclean (faulty?)		
Aroma intensity	neutral – light – medium(-) – medium – medium(+) – pronounced	
Aroma characteristics	e.g. raw materials, processing, oak and maturation	

PALATE			
Sweetness dry - off-dry - medium - sweet			
Flavour intensity neutral – light – medium(-) – medium – medium(+) – pronounced			

Texture/other		e.g. rough, smooth, watery, mouthfilling, warming e.g. bitterness	
Flavour characteristics		e.g. raw materials, processing, oak and maturation	
		short – medium(-) – medium – medium(+) – long neutral – simple – some complexity – very complex	

CONCLUSIONS			
Building an argument	e.g. balance, length and intensity, complexity, expressiveness		
Quality level	faulty – poor – acceptable – good – very good – outstanding		

Recommended Tasting Samples

Session 1

- A good or very good 'Cuban style' white rum
- A white Jamaican overproof rum
- An acceptable blended rum
- A very good or outstanding blended rum

Session 3

- Two very good or outstanding Single Malt Whiskies showing different wood maturation techniques
- An acceptable Blended Scotch Whisky
- A very good or outstanding Blended Scotch Whisky
- A very good or outstanding Single Malt Whisky showing impact of sulfur
- A very good or outstanding Single Malt Whisky showing the impact of peat

Session 4

- An acceptable or good Bourbon
- A very good or outstanding wheater Bourbon
- A very good or outstanding high rye Bourbon
- A very good or outstanding Rye Whiskey
- Two of the following three: a Tennessee
 Whiskey; a Bourbon with longer ageing; a craft
 American whiskey showing an unusual feature
 (e.g. smoke, speciality grain)

Session 5

- A very good or outstanding Japanese Whisky
- A very good or outstanding Pot Still Irish Whiskey
- A very good or outstanding Canadian Whisky

Session 6

- A VS Cognac
- Two VSOP of similar quality levels but different styles
- An XO Cognac
- Two contrasting Armagnacs (e.g. Blanche vs wood aged, two different predominant grape varieties)

Session 7

- Either a Brandy de Jerez or South African Brandy
- A very good or outstanding Calvados

- A very good or outstanding Grappa
- A very good or outstanding Pisco
- A very good or outstanding unaged central European fruit spirit or something similar

Session 8

- A very good or outstanding Strong Aroma Baijiu
- A very good or outstanding Sauce Aroma Baijiu
- A very good or outstanding kome or mugi shōchū
- A very good or outstanding imo shōchū
- A very-good or outstanding Awamori

Session 9

- Two unaged rums of a similar quality level showing molasses and sugar cane juice (molasses rum may be slightly aged and filtered to remove/reduce colour)
- Four very good or outstanding wood aged single distillery rums showing different styles (e.g. Cuban, rhum agricole, Jamaican, Barbadian, Guyanan, Central American)

Session 10

- Two Blanco Tequilas showing different quality levels
- A Reposado and either an Añejo or an Extra Añejo from the same distillery as the outstanding quality Blanco
- Two very good or outstanding Mezcal showing different styles

Session 11

- Three unflavoured vodkas showing a range of quality levels and/or types or raw material
- Three gins showing a range of quality levels and/or styles (e.g. buyers' own brand, classic juniper-forward gin, contemporary gin)

Session 12

- A selection of four very good or outstanding flavoured spirits representing four distinct categories (e.g. Aniseed, Aquavit, Genever, spiced rum, bitter, liqueur)
- Two very good or outstanding Vermouth
- Another contrasting style of aromatised wine

Examination Guidance

Examination Administration

Examinations are conducted by WSET Approved Programme Providers (APPs). APPs must comply with WSET policies and procedures set out in the APP Handbook.

Assessment Method

The WSET Level 3 Award in Spirits is assessed by a closed-book theory examination, comprising two parts, and a tasting examination. In order to gain an overall pass a candidate must achieve a pass mark of 55 percent in both parts of the theory examination and the tasting examination.

Candidates must sit both examinations at the same sitting. Only resit candidates who have achieved a pass in one examination are permitted to resit an individual examination. WSET Awards does not offer aegrotat awards; all assessment requirements of the qualification must be met.

Unit 1: Theory Examinations — Unit 1 of the Specification will be assessed using an examination made up of two parts.

The theory examination paper must be completed in two hours. All examination questions are based on the published learning outcomes; the recommended study materials contain the information required to answer these questions correctly. In order to secure a pass for the Unit 1 theory examination a candidate will be required to attain a minimum mark of 55 per cent in both part 1 and part 2.

- Part 1 Multiple Choice This part is made up of 50 multiple-choice questions. This part will assess knowledge across all learning outcomes.
 - Each question has only one correct answer, which should be indicated on a computer-readable answer sheet. The examination invigilator will give the full instructions on how to complete the answer sheet on the day of the examination. Each correctly answered multiple-choice question is worth one mark, and marks are not subtracted for incorrect answers.
- Part 2 Short Answer Questions This examination is made up of six 5-mark-questions, three 10-mark-questions and one 20-mark-question. They will assess the skills of description and explanation across learning outcomes 1 and 2.

Answers should be written on the examination paper in the spaces provided. The marks for each question are indicated on the examination paper. Marks are not subtracted for incorrect answers.

Unit 2: Tasting Examination — The tasting examination assesses Unit 2 of the Specification. It will be internally set and marked by a WSET Approved Level 3 Internal Assessor using an assessment brief provided by WSET Awards. The results will be verified by WSET Awards.

The examination will consist of a tasting of two blind spirits. For information on what the samples could be, see the relevant learning outcome. The examination will assess a candidate's ability to accurately describe a spirit; identify its quality level and give supporting reasons for this assessment; and identify its category. The tasting examination must be completed in 30 minutes.

Answers should be written on the examination paper in the spaces provided. Marks for each question or part-question are indicated on the examination paper. There are 25 marks available for each sample. Marks are not subtracted for incorrect answers.

In order to secure a pass for the tasting examination a candidate will be required to attain a minimum mark of 55 per cent across the whole paper.

Examination Regulations

1 Entry Requirements

1.1 Eligibility

- **1.1.1** Candidates applying to sit the WSET Level 3 Award in Spirits examination must be over the legal minimum age for the retail purchase of alcoholic beverages in the country where the examination is being held, or be preparing for the examination as part of a recognised full-time programme of study, or have obtained consent from their parents or legal guardians.
- **1.1.2** There are no restrictions on entry to the WSET Level 3 Award in Spirits through overlaps with other qualifications or parts of qualifications.
- 1.1.3 Candidates who are under the legal minimum age for the retail purchase of alcoholic beverages in the country where the examination is being held, or those who choose not to taste alcohol for health or religious reasons, will not be allowed/required to sample any alcoholic beverage as part of their course. These candidates will not be eligible to complete the assessment of Unit 2 of the WSET Level 3 Award in Spirits. In such instances, candidates will receive a record of achievement on successful completion of Unit 1, but will not be awarded the WSET Level 3 Award in Spirits qualification.

1.2 Recommended Prior Learning

- **1.2.1** Completion of the WSET Level 2 Award in Spirits or an equivalent level of experience is recommended for entry to the WSET Level 3 Award in Spirits. Candidates who believe they have a sufficiently good understanding of the subjects covered by the Level 2 Award in Spirits are advised to consult their prospective tutor before enrolment on a course of study for guidance on the accreditation of prior learning.
- **1.2.2** Candidates sitting in English where it is not their first language are strongly recommended to have IELTS at 6.5 or above or be able to demonstrate an equivalent ability level.

2 Reasonable Adjustments

- 2.1 Examination candidates who have special examination requirements, which are supported by independent written assessment, are requested to notify the examinations officer at their APP of any such requirement at the time of enrolment. Further guidance for examination officers and candidates is available from WSET Awards as required.
- **2.2** It is the policy of WSET Awards that such candidates should not be placed at a disadvantage in the examinations. Candidates are responsible for informing their APP of any such requirement at the time of enrolment.

3 Format and Results

- **3.1** Candidates will be required to pass a closed-book examination comprising two units. Unit 1 is split into two parts.
- **3.2** In order to gain a pass grade in Unit 1 part 1, Unit 1 part 2 and Unit 2 a candidate must gain a mark that is equal to 55 per cent or more.
- **3.3** Candidates are required to pass Unit 1 part 1, Unit 1 part 2 and Unit 2 in order to gain the WSET Level 3 Award in Spirits.
- **3.4** The final result is the mean average of the three individual pass marks expressed as a percentage.
- 3.5 Once the final result has been calculated it will be graded using the following grade bands.

Grade Band	Required Percentage		
Fail unclassified	mean average mark of 44% or below		
Fail	mean average mark of 45% to 54%		
Pass	mean average mark of 55% to 64%		
Pass with Merit	mean average mark of 65% to 79%		
Pass with Distinction	mean average mark of 80% or more no individual examination results below 65%		

- **3.6** While WSET Awards would not normally make changes to grade algorithms or thresholds there may be circumstances in which it is necessary to do so to secure the maintenance of standards over time.
- **3.7** A record of achievement will be issued to candidates indicating the grade achieved. Once all units are completed, a final result will be issued.
- 3.8 Examination results are issued by WSET Awards as follows:
 - WSET Awards will issue an all-candidate grade list to the APP so that they can communicate results to their candidates.
 - Subsequently, WSET Awards posts candidates' record of achievement letters and certificates to APPs, who are responsible for forwarding these documents to their candidates.

4 Resits

- **4.1** Candidates may apply to resit an individual examination if they are unsuccessful. There is no limit on the number of attempts that may be made.
- **4.2** Candidates who have passed an examination are not permitted to retake them to improve their grade.

5 Examination Conditions and Conduct

- **5.1** Upon registration for an examination candidates are deemed to acknowledge and agree to the following specific conditions:
 - At the start of the examination all candidates must supply the invigilator with proof of identity in the form of photographic ID.
 - The examination is to be completed in the time specified for each unit.
 - No reference is to be made to any material, in whatever form, other than the examination question paper and answer sheet.
 - Once the invigilator has declared that examination conditions are in place, no communication
 of any kind between candidates is permitted until they have left the examination room or the
 invigilator has announced the end of the examination.
 - During the examination candidates are only permitted to have the following items with them; tasting glasses, spittoons, pens, pencils, erasers and drinking water.
 - It is prohibited for candidates to take any photographs of the examination room or examination materials.
 - For the tasting examination, candidates should not wear perfume, after shave lotion or any other strong scent.
 - The use of electronic devices of any kind is prohibited.
 - Mobile phones must not be on the examination desk, they must be switched off and placed out of sight.
 - The use of dictionaries of any kind is prohibited.
 - The use of audible 'alarms' on any clock or watch is prohibited.

- Candidates may not leave the room until the first 15 minutes of the examination time have elapsed.
- Candidates who arrive after the published start time will NOT be allowed to sit the examination if any other candidate has already left the examination.
- Candidates who arrive late may be allowed to enter the room at the discretion of the invigilator
 and only if other candidates are not compromised. Under normal circumstances we would not
 expect any candidate to be allowed to start the examination if they arrive more than 30 minutes
 after the published start time.
- Candidates may not leave, and then return to, the examination room once the examination has started unless they can be accompanied by an invigilator at all times while they are out of the examination room.
- Candidates who complete the examination early may leave the examination room up until the last 10 minutes providing they do not disturb other candidates; no re-admission is permitted.
- Invigilators have no authority to comment upon, interpret, or express an opinion on any examination question.
- Any candidate who is suspected of misconduct will be advised to leave the examination room immediately and their examination paper will be submitted to the Examination Panel to determine its validity.
- No examination question papers are to be removed from the examination room; candidates
 who fail to submit the question paper with their answer sheet will be deemed guilty of
 misconduct.
- It is prohibited for candidates to reveal the content of examination papers to others, or reproduce it in any way.
- **5.2** Candidates also agree to abide by the invigilator's instructions. Failure to do so may render a candidate's results invalid.
- **5.3** Examination papers and answer sheets are the property of WSET Awards and will not be returned to candidates.
- **5.4** WSET reserves the right to permanently exclude candidates found guilty of misconduct from WSET qualifications

6 Examination Feedback, Enquiries and Appeals

- **6.1** Candidates requiring enquiry (re-mark) and/or feedback on their examination paper should contact their APP and request an Enquiry and Feedback Form.
- **6.2** Any candidate dissatisfied with the result of an enquiry of an examination paper should contact the APP and request an Appeal against Enquiry Application Form, which must be completed and returned to WSET Awards, together with the appropriate fee, no more than 10 working days following notification of the enquiry decision. Appeals received outside this time-frame will not be reviewed.

7 Candidate Satisfaction

7.1 Should any candidate have concerns that their APP is not providing the service that they expect, or is behaving in a way that is inconsistent with the standards required in terms of administration, tuition or examinations, they should first make a complaint with their APP. If this does not lead to a satisfactory resolution, candidates are asked to contact our Quality Assurance Team by emailing qa@wsetglobal.com. Please note that all complaints will be dealt with confidentially, but WSET Awards cannot act on anonymous complaints.

8 Examination Regulations

8.1 WSET Awards reserves the right to add to or alter any of these regulations as it thinks fit.

S WSET Qualifications

WSET Qualifications

The WSET has a range of qualifications that cover sake and wine as well as spirits. These are developed and maintained by WSET Awards. In full, the qualifications are:

WSET® Level 1 Award in Wines (600/1504/4)

WSET® Level 2 Award in Wines (603/4432/5)

WSET® Level 3 Award in Wines (601/6352/5)

WSET® Level 4 Diploma in Wines

WSET® Level 1 Award in Spirits (600/1501/9)

WSET® Level 2 Award in Spirits (600/1507/X)

WSET® Level 3 Award in Spirits

WSET® Level 1 Award in Sake (603/2051/5)

WSET® Level 3 Award in Sake (603/2066/7)

More information about all of these qualifications can be found on the WSET website wsetglobal.com.

Who can offer a WSET Awards Qualification?

WSET qualifications can only be offered by APPs and students wishing to study for a WSET qualification must enrol with an APP. The student's primary relationship is with their APP and the APP is responsible for the delivery of the course and administering the examination, which is set by WSET Awards.

Group study with an APP is the best way of learning how to taste, but some APPs also prepare candidates for our examinations by distance learning.

A list of APPs is published on the WSET website wsetglobal.com. Please contact the APP directly to find out about their programmes.

If you are interested in becoming an APP please contact the Quality Assurance Team by emailing qa@ wsetglobal.com.

WSET Awards

About WSET Awards

WSET Awards is the division of the WINE & Spirit Education Trust responsible for the creation, processing and quality assurance of assessments leading to WSET qualifications. It is recognised as an awarding organisation of Ofqual, the English regulator for qualifications and examinations.

WSET Awards operates a Quality Management System that complies with the requirements of **BS EN ISO 9001** for the management of awards for qualifications and examinations in the product knowledge and tasting competence of alcoholic beverages.



Diversity and Equality Policy

WSET Awards fully supports the principle of diversity and equality and is responsible for ensuring that all candidates for its qualifications are treated fairly and on an equal basis. A copy of our diversity and equality policy can be obtained from the Quality Assurance Team by emailing ga@wsetglobal.com.

WSET Prizes

Prizes are awarded each academic year, 1 August to 31 July, in recognition of academic achievement. Candidates who have achieved outstanding marks in their examinations may be eligible for a prize, in accordance with the prize criteria. Candidates will be contacted by WSET Awards in October or November each year should they be eligible for a prize. For more details on the prizes available, please go to: https://www.wsetglobal.com/about-us/awards-bursaries/

Note that these prizes do not take the form of financial grants to fund studies, but are in recognition of examination performance.



A world of knowledge