

Guide to the Unified Assessment Matrix

Navigating the Units of the Master Brewer Syllabus

Subject: Operational Application of the CIBD Masters Syllabus **Status:** Assessment Guidance Document

Executive Summary

The CIBD Master Syllabi identifies **9 Units**(e.g., Finance, Sustainability, Digital & AI) that are fundamental to modern technical leadership. However, these areas are dynamic; they apply differently depending on where a leader is operating within the value chain.

To ensure clarity for candidates, examiners, and corporate sponsors, we have created the **Unified Assessment Matrix**.

This document resolves the ambiguity of broad terms by mapping each of the 9 units against the specific **Operational Context** of Modules 1, 2, and 3.

The Logic: The "Differentiating Factor"

The core innovation of this matrix is the "**Differentiating Factor**" column. It acknowledges that a critical skill—such as *Finance*—requires a different lens at different stages of production.

•**In Module 1: Inbound, Brewhouse and Raw Materials** The financial lens is **Yield Efficiency**. Leaders must understand the cost impact of raw material conversion.

•**In Module 2: Fermentation and Process** The financial lens is **OPEX**. Leaders must manage variable budgets and waste.

•**In Module 3: Packaging, Engineering and Outbound** : The financial lens is **CAPEX**. Leaders must justify large-scale investment and asset utilisation.

By defining these factors, we ensure candidates are assessed on **applied professional judgement**, not just generic theory.

How to Read This Document

1.Assessment Area: The broad competency being tested (e.g., Supply Chain).

2.Differentiating Factor: The specific "lens" or angle applied to that module.

3.Module Columns (1–3): The specific outcome expected.

- 1. Module 1:** Focuses on *Inbound, Brewhouse and Raw Materials* (Creation & Extraction).
- 2. Module 2:** Focuses on *Fermentation and Process* (Transformation & Quality).
- 3. Module 3:** Focuses on *Packaging, Engineering and Outbound* (Packaging & Distribution).

Strategic Value

For the Candidate: This matrix serves as a **Revision Roadmap**. It prevents wasted effort (e.g., studying "Logistics" for a Module 1 exam) and focuses preparation on the specific operational challenges relevant to that assignment.

For the Employer & L&D: This matrix demonstrates the **Depth of Qualification**. It proves that the CIBD Masters does not just teach "Sustainability" as a buzzword; it teaches leaders how to manage energy intensity in the brewhouse, effluent loads in processing, and carbon footprints in logistics—building a complete, end-to-end capability.

For the Examiner: This matrix acts as a **Standardisation Tool**. It ensures that assessment questions and marking criteria remain strictly relevant to the module's operational context, ensuring fairness and rigour.

Guide to the Unified Assessment Matrix

Navigating the Units of the Master Distiller Syllabus

Subject: Operational Application of the CIBD Master Syllabi **Status:** Assessment Guidance Document

Executive Summary

The CIBD Master Syllabi identifies **9 Units** (e.g., Finance, Sustainability, Digital & AI) that are fundamental to modern technical leadership. However, these areas are dynamic; they apply differently depending on where a leader is operating within the value chain.

To ensure clarity for candidates, examiners, and corporate sponsors, we have created the **Unified Assessment Matrix**.

This document resolves the ambiguity of broad terms by mapping each of the 9 units against the specific **Operational Context** of Modules 1, 2, and 3.

The Logic: The "Differentiating Factor"

The core innovation of this matrix is the "**Differentiating Factor**" column. It acknowledges that a critical skill—such as *Finance*—requires a different lens at different stages of production.

•**In Module 1: Inbound, Mash House and Raw Materials** The financial lens is **Yield Efficiency**. Leaders must understand the cost impact of raw material conversion.

•**In Module 2: Fermentation through to Post Distillation and Blending** The financial lens is **OPEX**. Leaders must manage variable budgets and waste.

•**In Module 3: Packaging, Engineering and Outbound** : The financial lens is **CAPEX**. Leaders must justify large-scale investment and asset utilisation.

By defining these factors, we ensure candidates are assessed on **applied professional judgement**, not just generic theory.

How to Read This Document

1. Assessment Area: The broad competency being tested (e.g., Supply Chain).

2. Differentiating Factor: The specific "lens" or angle applied to that module.

3. Module Columns (1–3): The specific outcome expected.

- 1. Module 1:** Focuses on *Inbound, Mash House and Raw Materials* (Creation & Extraction).
- 2. Module 2:** Focuses on *Fermentation through to Post Distillation and Blending* (Transformation & Quality).
- 3. Module 3:** Focuses on *Packaging, Engineering and Outbound* (Packaging & Distribution).

Strategic Value

For the Candidate: This matrix serves as a **Revision Roadmap**. It prevents wasted effort (e.g., studying "Logistics" for a Module 1 exam) and focuses preparation on the specific operational challenges relevant to that assignment.

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Assessment Differentiation Matrix –

Mapping how the 9 Units are assessed within the specific operational context of each Module.

Assessment Area	Differentiating Factor	Learning outcomes					
		MB1 Inbound, Brewhouse and Raw Materials	MD1 Inbound, Mash House and Raw Materials	MB2 Fermentation and Process	MD2 Fermentation through to Post Distillation and Blending	MB3 Packaging, Engineering and Outbound	MD3 Packaging, Engineering and Outbound
1. Operational Excellence	Value Stage	Brewer: Extract Yield & Brewhouse Efficiency Distiller: Predicted Spirit Yield (PSY) & Mash Efficiency		Brewer: Fermentation Consistency & Process Control Distiller: Spirit Recovery (LPA) & Distillation Efficiency		Brewer: Packaging OEE & Line Performance Distiller: Bottling Efficiency & Line Optimisation	
2. Product Innovation	Development Phase	Brewer: Recipe Design (Grist/Hops) Distiller: Substrate Selection (Grain/Molasses)		Brewer: Yeast Profiling & Flavour Stability Distiller: Cut Points, Reflux & Wood Policy		Brewer: Pack Format Strategy (Cans/Kegs) Distiller: NPD Launch & Premium Packaging	
3. Supply Chain	Flow Direction	Brewer: Agricultural Inputs (Hops/Barley) Distiller: Commodity Sourcing (Grain/Molasses)		Brewer: Internal Capacity Planning (Tanks) Distiller: Inventory & Maturation Planning		Brewer: Cold Chain & Route-to-Market Distiller: Global Distribution & Bonded Logistics	
4. Sustainability	Impact Point	Brewer: Energy Intensity (Heat Recovery) Distiller: Mashing Energy & Water Use		Brewer: Water Ratio & Effluent Load Distiller: Coproduct Valorisation (Pot Ale/Draff)		Brewer: Embedded Carbon (Pack Weight) Distiller: Transport Footprint & Glass Weight	
5. Digital & AI	Application	Brewer: Brewhouse Automation & Control Distiller: Fermentation Modelling & Yield Prediction		Brewer: Fermentation Analytics & Quality Prediction Distiller: Sensory Data Analysis & Maturation Tracking		Brewer: MRP/ERP Systems Distiller: Track & Trace / Anti-Counterfeit	
6. Procurement	Spend Category	Brewer: Commodity Hedging (Malt/Energy) Distiller: Grain Strategy & Hedging		Brewer: Consumables (Chemicals/Filter Aids) Distiller: Cask Procurement & Coopersage		Brewer: Services (3PL) & Packaging Materials Distiller: Dry Goods (Glass/Corks) & Logistics	
7. Finance & Capital	Financial Lever	Brewer: Direct Material Costs (COGS) Distiller: Input Costs & Yield Efficiency		Brewer: Variable Process OPEX Distiller: Working Capital (Maturation Stock)		Brewer: CAPEX for Lines/Warehousing Distiller: Facilities CAPEX & Asset Investment	
8. Project Management	Project Type	Brewer: Technical Upgrades (New Mill/Vessel) Distiller: Distillery Expansion/Upgrades		Brewer: Change Management (Process/People) Distiller: Warehouse Construction & Ops		Brewer: Infrastructure & Site Expansion Distiller: NPD Launch Critical Path	
9. Governance	Risk Type	Brewer: Food Safety (Mycotoxins/Pesticides) Distiller: Contaminants & Food Safety		Brewer: HACCP & Process Hygiene Distiller: Process Safety (DSEAR/ATEX)		Brewer: Product Safety & Recalls Distiller: Regulatory Compliance & Duty	