

## QE Performance Measure

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### Document Version History

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1.0	Approved: Recommended	19/08/2015	26/10/2015	ISB	New Standard.

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# 1 DATA STANDARD

## 1.1 Introduction

### 1.1.1 Application

This standard can be used to store or exchange data that identifies the various Qualification Performance Measures used to

- a) Measure a learner's performance in achieving a qualification.
- b) Ensure that where a Learner has taken two or more qualifications with an overlap in curriculum, credit is given once.

### 1.1.2 Compatibility with non-ISB standards

There are no known compatibility issues related to this standard.

### 1.1.3 Terminology and notation

The following sections contain:

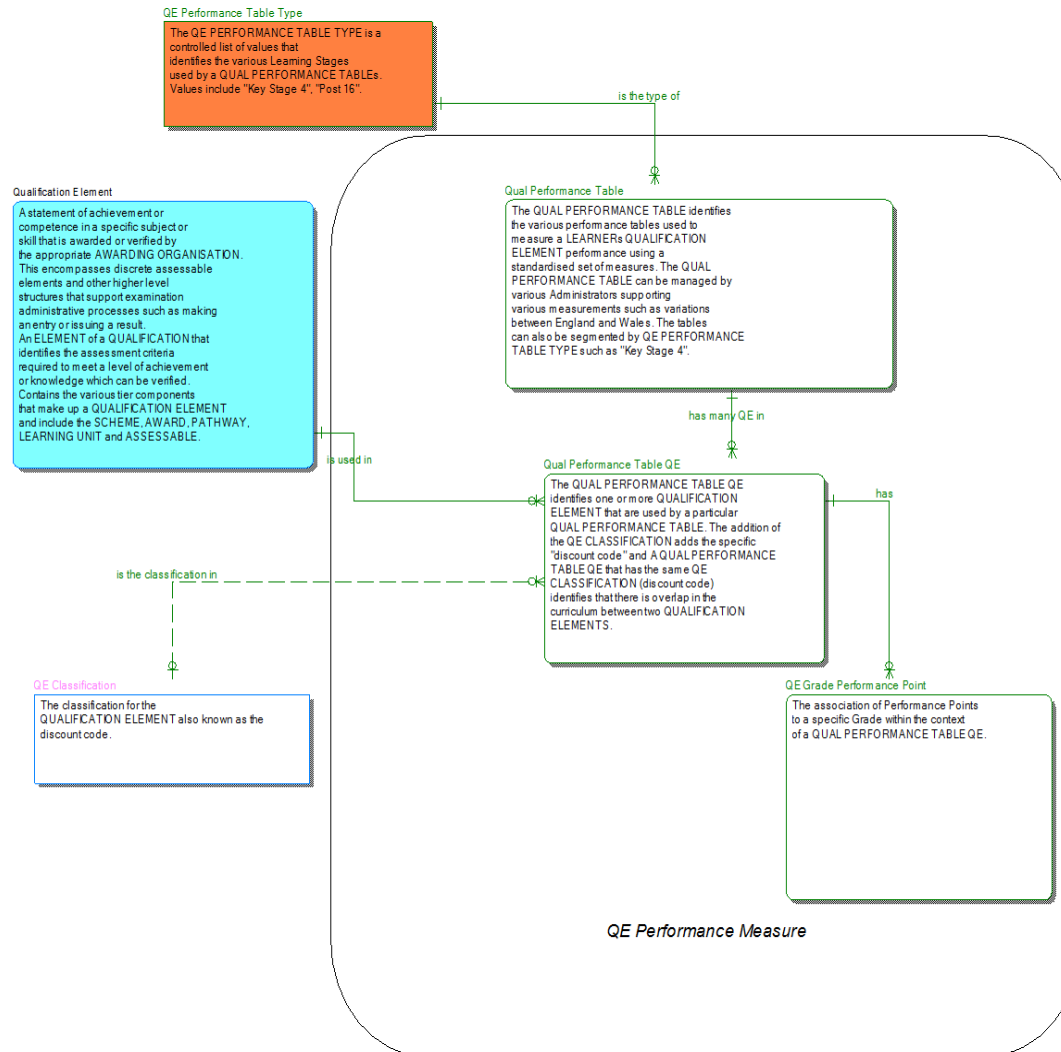
- **Entity Definition Model** – A high level diagram showing: entities; their descriptions and relationships
- **Attribute Model** – A lower level diagram showing the names of attributes making up entities. Attributes in the top section of an entities box are those making up its primary key
- **Data Definitions** – Detailed descriptions of each of the entities at an attribute level, showing attribute: name; definition; whether it is part of a key; whether it is mandatory; its data type and format; parent information and Controlled List association

Only those entities within the boundary square in the diagrams are part of this particular data standard, entities outside the boundary are shown for context purposes only (and can be found within other Business Data Standards), or separate Controlled List reference data.

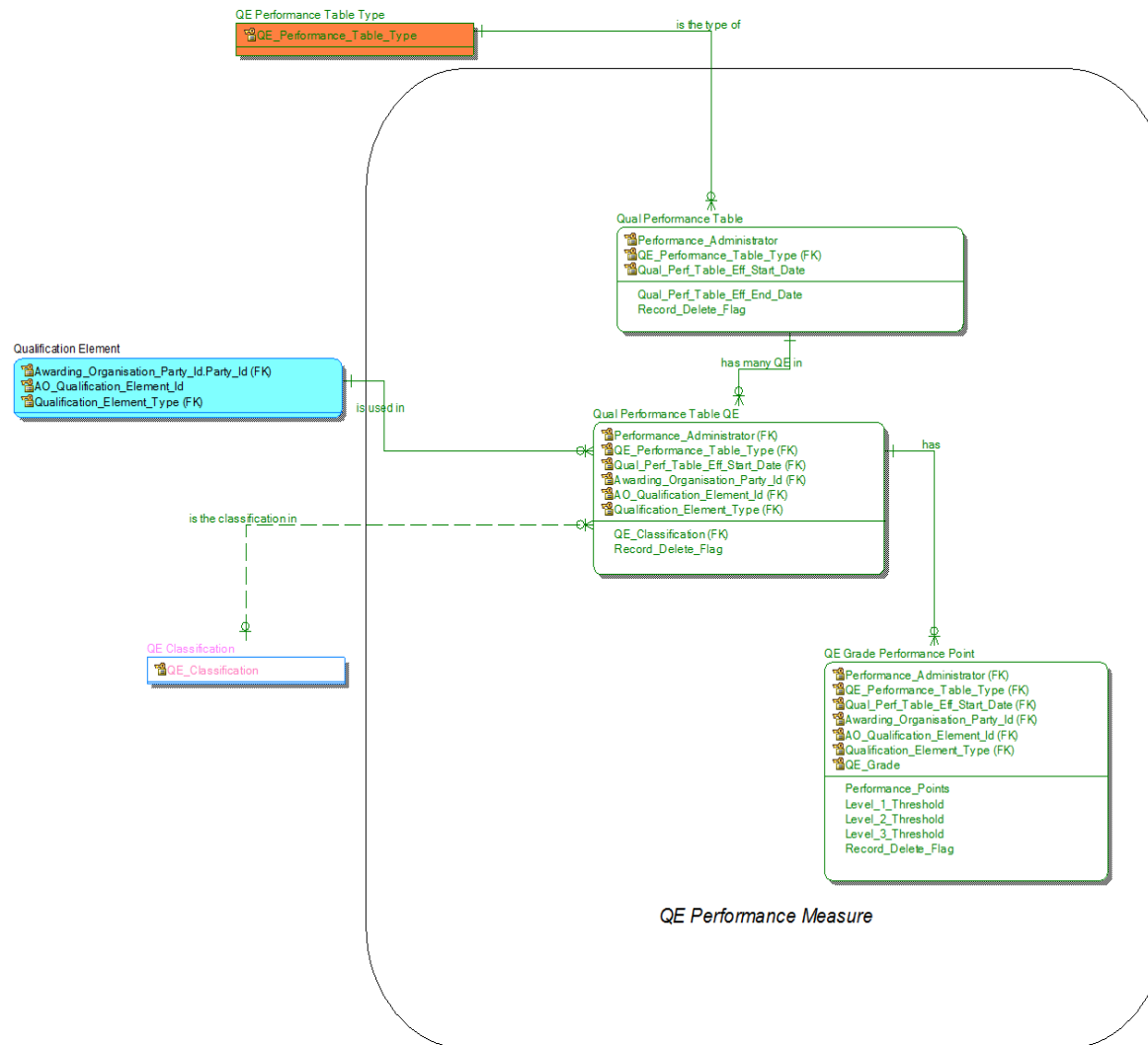
The standards for naming, notation and conventions used for this development can be found in the BDA Data Architecture Modelling Standards document. For convenience, a quick reference of the colours used in these diagrams is shown below.



## 1.2 Entity Definition Model



### 1.3 Attribute Model



## 1.4 Data Definitions

### 1.4.1 Entity: Qual Performance Table QE

The QUAL PERFORMANCE TABLE QE identifies one or more QUALIFICATION ELEMENT that are used by a particular QUAL PERFORMANCE TABLE. The addition of the QE CLASSIFICATION adds the specific "discount code" and A QUAL PERFORMANCE TABLE QE that has the same QE CLASSIFICATION (discount code) identifies that there is overlap in the curriculum between two QUALIFICATION ELEMENTS.

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Performance_Administrator	The administrator of the QUAL PERFORMANCE TABLE. Examples include "England", "Wales", "DFE".	Y	Y	Y	Unicode_String(1,50)	Qual Performance Table	Performance_Administrator	
QE_Performance_Table_Type	The QE PERFORMANCE TABLE TYPE is a controlled list of values that identifies the various Learning Stages used by a QUAL PERFORMANCE TABLES. Values include "Key Stage 4", "Post 16".	Y	Y	Y	Unicode_String(1,50)	Qual Performance Table	QE_Performance_Table_Type	
Qual_Perf_Table_Eff_Start_Date	The date from which the QUAL PERFORMANCE TABLE is effective.	Y	Y	Y	Simple_Date	Qual Performance Table	Qual_Perf_Table_Eff_Start_Date	
Awarding_Organisation_Party_Id	A value that denotes and distinguishes the PARTY.	Y	Y	Y	Unicode_String(1,32)	Qualification Element	Awarding_Organisation_Party_Id	

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
AO_Qualification_Element_Id	A value that uniquely identifies a specific part of a Qualification and applies to one or more QUALIFICATION ELEMENT(s) within an AWARDING ORGANISATION.	Y	Y	Y	Unicode_String(1,50)	Qualification Element	AO_Qualification_Element_Id	
Qualification_Element_Type	A controlled list of values that denotes the type and behaviour of the specific QUALIFICATION ELEMENT. Values are "Scheme", "Award", "Learning Unit", "Pathway", "Assessable".	Y	Y	Y	Unicode_String(1,32)	Qualification Element	Qualification_Element_Type	
QE_Classification	The Department For Education classification for the QUALIFICATION ELEMENT also known as the discount code or LEAP code.	N	Y	N	Unicode_String(1,100)	QE Classification	QE_Classification	
Record_Delete_Flag	A flag that indicates that the record should be deleted.	N	N	N	Simple_Flag			



### 1.4.2 Entity: Qual Performance Table

The QUAL PERFORMANCE TABLE identifies the various performance tables used to measure a LEARNERs QUALIFICATION ELEMENT performance using a standardised set of measures. The QUAL PERFORMANCE TABLE can be managed by various Administrators supporting various measurements such as variations between England and Wales. The tables can also be segmented by QE PERFORMANCE TABLE TYPE such as "Key Stage 4".

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Performance_Administrator	The administrator of the QUAL PERFORMANCE TABLE. Examples include "England", "Wales", "DFE".	Y	N	Y	Unicode_String(1,50)			
QE_Performance_Table_Type	The QE PERFORMANCE TABLE TYPE is a controlled list of values that identifies the various Learning Stages used by a QUAL PERFORMANCE TABLEs. Values include "Key Stage 4", "Post 16".	Y	Y	Y	Unicode_String(1,50)			QE Performance Table Type
Qual_Perf_Table_Eff_Start_Date	The date from which the QUAL PERFORMANCE TABLE is effective.	Y	N	Y	Simple_Date			
Qual_Perf_Table_Eff_End_Date	The date from which the QUAL PERFORMANCE TABLE ceases to be effective.	N	N	N	Simple_Date			

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Record_Delete_Flag	A flag that indicates that the record should be deleted.	N	N	N	Simple_Flag			

### 1.4.3 Entity: QE Grade Performance Point

The association of Performance Points to a specific Grade within the context of a QUAL PERFORMANCE TABLE QE.

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Performance_Administrator	The administrator of the QUAL PERFORMANCE TABLE. Examples include "England", "Wales", "DFE".	Y	Y	Y	Unicode_String(1,50)	Qual Performance Table QE	Performance_Administrator	
QE_Performance_Table_Type	The QE PERFORMANCE TABLE TYPE is a controlled list of values that identifies the various Learning Stages used by a QUAL PERFORMANCE TABLEs. Values include "Key Stage 4", "Post 16".	Y	Y	Y	Unicode_String(1,50)	Qual Performance Table QE	QE_Performance_Table_Type	
Qual_Perf_Table_Eff_Start_Date	The date from which the QUAL PERFORMANCE TABLE is effective.	Y	Y	Y	Simple_Date	Qual Performance Table QE	Qual_Perf_Table_Eff_Start_Date	
Awarding_Organisation_Party_Id	A value that denotes and distinguishes the PARTY.	Y	Y	Y	Unicode_String(1,32)	Qual Performance Table QE	Awarding_Organisation_Party_Id	

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
AO_Qualification_Element_Id <sup>1</sup>	A value that uniquely identifies a specific part of a Qualification and applies to one or more QUALIFICATION ELEMENT(s) within an AWARDING ORGANISATION.	Y	Y	Y	Unicode_String(1,50)	Qual Performance Table QE	AO_Qualification_Element_Id	
Qualification_Element_Type	A controlled list of values that denotes the type and behaviour of the specific QUALIFICATION ELEMENT. Values are "Scheme", "Award", "Learning Unit", "Pathway", "Assessable".	Y	Y	Y	Unicode_String(1,32)	Qual Performance Table QE	Qualification_Element_Type	
QE_Grade	A standardised measurement applicable to the QUALIFICATION ELEMENT.	Y	N	Y	Unicode_String(1,150)			

<sup>1</sup> The same value may be used for a number of QUALIFICATION ELEMENTS provided they are differentiated by Qualification\_Element\_Type.

Attribute Name	Attribute Definition	P K	F K	M	Datatype	FK Source Entity	FK Source Attribute	Controlled List
Performance_Points	The number of performance points associated with this specific QE GRADE PERFORMANCE POINTS.	N	N	N	Simple_Decimal(6,2)			
Level_1_Threshold	The contribution to Level 1 threshold for the specific QE GRADE PERFORMANCE POINTS.	N	N	N	Simple_Decimal(5,2)			
Level_2_Threshold	The contribution to Level 2 threshold for the specific QE GRADE PERFORMANCE POINTS.	N	N	N	Simple_Decimal(5,2)			
Level_3_Threshold	The contribution to Level 3 threshold for the specific QE GRADE PERFORMANCE POINTS.	N	N	N	Simple_Decimal(5,2)			
Record_Delete_Flag	A flag that indicates that the record should be deleted.	N	N	N	Simple_Flag			

## 2 CHANGES FROM PREVIOUS VERSION

Not applicable.

## 3 REFERENCES

The following references are specific to this Business Data Standard:

- ESCS ISB Business Data Architecture Entity Relationship Diagram, version 11.2
- ESCS ISB, Controlled List, QE Performance Table Type

The following references apply to all Business Data Standards:

- ESCS ISB Standards Overview and Context
- ESCS ISB “System“ Enterprise Architecture - Business Data Architecture
- ESCS ISB Business Data Architecture Data Types
- ESCS ISB BDA Data Architecture Modelling Standards
- ESCS ISB Management Process

## 4 NOTES

This standard includes the entity QE Grade Performance Points which was previously published as part of the Qualification Element Grade standard.

## 5 COPYRIGHT NOTICE

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