
Inland Revenue

Construction Industry Scheme

EDI Message Implementation Guide

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1. Introduction

Under the new "Construction Industry Scheme" contractors are now able to return some voucher information using Electronic Data Interchange (EDI).

This will allow operating procedures to be streamlined, manual processing reduced and avoid problems associated with transcription errors. The voucher details that a contractor can lodge using EDI are: -

The Tax Payment Voucher (TPV) covering payments to Sub-contractors who receive payments after tax has been deducted.

The Construction Gross payment Voucher (CGPV) for large contractors who are paid gross.

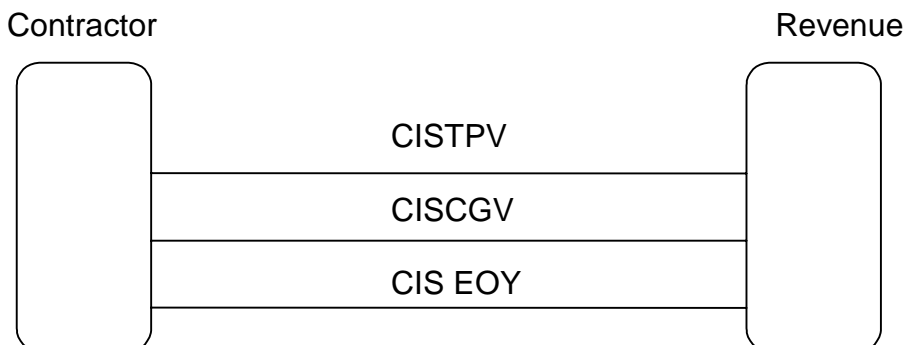
It is also possible to submit **The End of Year Return Continuation Sheet information (EOY)** which summarises payments made to all sub contractors covered by the scheme.

Note: The scheme will still require paper vouchers for sub contractors paid gross using Gross Payment Vouchers (GPVs), and for sub contractors copies of the Tax Payment Voucher (TPVs) even if EDI is used to submit the data to the Revenue. The End of Year Returns (EOY) will require a signed paper summary to support the detailed listings made by EDI or on paper.

2. Scope

This document describes the details of the EDI messages that have been developed specifically for the CIS project. They have been based on the UN/EDIFACT directory of segments, data elements and codes.

The EDI Messages are CISTPV
 CISCGV
 CISEOY



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2.1 Error Reporting

The Revenue will not send an EDI error report in the event of an error in the EDI message syntax or transmission failure. Such errors will be reported by the "Help Desk" directly to the Contractor by phone, fax or e-mail.

In the case of TPVs and in order to avoid incorrect vouchers being issued to Sub-contractors it is advised that the printed vouchers are retained by the contractor for at least 48 hours (2 working days) following the submission of the EDI file.

2.2 Version/Release

The CIS messages may well evolve with developments of the CIS scheme and the messages may be revised to reflect such changes. This will be identified to the EDI system by use of the UN/EDIFACT version/release details contained in the message header as follows: -

Controlling Agency	IR	Inland Revenue
Message Type identifier	CISTPV CISCGV CISEOY	
Release Number	97B	EDIFACT directory version
Assigned Code	INLR01	Inland Revenue version number

3. References

CIS Construction Industry Scheme - Guidance for the Construction Industry, Inland Revenue, September 1998

Guidance to Software Suppliers and Contractors
Inland Revenue, June 1998

CIS - Electronic Submission of Information to the Inland Revenue
Inland Revenue

4. EDIFACT Segment Overview

4.1 Character Set

The characters used within these EDIFACT messages are restricted to a specific character set as specified in the UNB segment, namely the “UNOA” character set - see Section 4.2, UNB Segment S001 SYNTAX IDENTIFIER.

UNOA Character Set		
<i>The following characters are reserved for specific use:</i>		
Apostrophe	'	segment terminator
Plus sign	+	segment tag and data element separator
Colon	:	component data element separator
Question mark	?	release character
		? immediately preceding one of the characters ' + : ? restores their normal meaning, e.g. 10?+10=20 means 10+10=20. Question mark is represented by ??
<i>ONLY the following characters may be used within the data content:</i>		
Letters, upper case	A to Z	
Numerals	0 to 9	
Space character		
Full stop	.	
Comma	,	
Hyphen/minus sign	-	
Opening parentheses	(
Closing parentheses)	
Oblique stroke (slash)	/	
Equals sign	=	
Exclamation mark	!	
Quotation mark	"	
Percentage sign	%	
Ampersand	&	
Asterisk	*	
Semi-colon	;	
Less-than sign	<	
Greater-than sign	>	

Any message containing characters outside this specific character set, e.g. # [] \ _ will be classed as an error and will be reported to the sender - see Section 2.1.

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4.2 Interchange Header (UNB) and Trailer (UNZ)

A transmission between the contractor and the Revenue will consist of one or more EDI interchanges.

An interchange commences with an Interchange Header (UNB) and terminates with an Interchange Trailer (UNZ).

The segment structure and data content of the Header and Trailer are set out below.

A single EDI interchange must contain only one message type, e.g. all messages in one interchange could contain Tax Paid Vouchers (TPVs), with a separate interchange being used for CGPVs. An EDI Interchange may contain several messages of the same type. A message may contain one or more vouchers of the same type.

UNB Segment

UNB Interchange Header

Pos: 0001	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 11

To start, identify and specify an interchange for CIS.

Element Summary:

Ref	Id	Element Name	EDIFACT	Type	IR	Implementation Notes	
	UNB010	S001	SYNTAX IDENTIFIER	M		M	
		0001	Syntax Identifier	M	an4	M	Must contain 'UNOA'
		0002	Syntax version number	M	n1	M	Must contain '1'
	UNB020	S002	INTERCHANGE SENDER	M		M	
		0004	Sender identification	M	an..35	M	Must contain EDI mailbox address as agreed
		0007	Identification code qualifier	C	an..4		Not Used
		0008	Address for reverse routing	C	an..14		Not Used
	UNB030	S003	INTERCHANGE RECIPIENT	M		M	
		0010	Recipient identification	M	an..35	M	Must contain EDI mailbox address as agreed
		0007	Identification code qualifier	C	an..4		Not Used
		0014	Routing Address	C	an..14		Not Used

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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
UNB040	S004	DATE/TIME OF PREPARATION	M		M	
	0017	Date	M	n6	M	Must contain date, format 'YYMMDD'.
	0019	Time	M	n4	M	Must contain time, format 'HHMM'
UNB050	0020	INTERCHANGE CONTROL REF	M	an..14	M	Must contain an incrementing count of interchanges sent
UNB060	S005	RECIPIENTS REF, PASSWORD	C		C	Mandatory for some VAN services, e.g. Tradanet
	0022	Recipients reference/password	M	an..14		
	0025	Recipients reference/password qualifier	C	an2		Not Used
UNB070	0026	APPLICATION REFERENCE	C	an..14	M	Must contain 'CIS'
UNB080	0029	PROCESSING PRIORITY CODE	C	an1		Not Used
UNB090	0031	ACKNOWLEDGEMENT REQUEST	C	n1		Not Used
UNB100	0032	COMMS AGREEMENT ID	C	an..35		Not Used
UNB110	0035	TEST INDICATOR	C	n1	C	Must <u>not</u> be present for <u>LIVE</u> interchanges or must contain ' <u>1</u> ' for <u>TEST</u> interchanges

Example:

UNB+UNOA:1+CONTRACTOR ID+INLANDREVENUE+990919:1234+1++CIS'

or

UNB+UNOA:1+CONTRACTOR ID+INLANDREVENUE+990919:1234+1++CIS++++1'

UNZ segment

UNZ Interchange Trailer

Pos: 9999	Max: 1
Trailer - Mandatory	
Group: N/A	Elms: 2

To terminate an interchange for CIS.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
UNZ010	0036	INTERCHANGE CONTROL COUNT	M	an..6	M	Must contain count of messages within interchange
UNZ020	0020	INTERCHANGE CONTROL REFERENCE	M	an..14	M	Must contain the same value as 0020 in UNB

Example:

UNZ+1+1'

5. Messages and Data Segment Overview

5.1 Message Structure (General)

The following information should be read in conjunction with the individual message formats given in sections 6, 7, and 8 of this document.

Each message starts with a Message Header segment (UNH) and ends with a Trailer segment (UNT). The messages include three main sections that will contain the information to be sent, namely: -

The Header Section

This is where the message type is identified along with information that refers to the whole document. Party identification, reference numbers, dates, currency information and the contractor's EDI identification appear in this section.

The Detail Section

The detail may contain between 1 and 9,999 records, depending on the particular circumstances or message requirements.

For **TPV** and **CGV** messages, the detail section can contain information relating to multiple vouchers, each of which may refer to a different Sub-contractor.

For the **EOY** message, the detail section is primarily subdivided by Sub-contractor type - i.e. whether payment is by Taxed Payment, Gross Payment or Construction Gross Payment vouchers. Then, within each of these divisions, up to 99,999 records of total payments made to specified Sub-contractors can be provided.

(Note: it is therefore possible for a Sub-contractor to appear under more than one "division" where their certification status changes within the same tax year.)

The Summary Section

At the end of the message the summary section allows the cumulative details to be condensed into a number of totals.

TPV and CGV	Total number of voucher records in message
EOY	Grand total payments in year
	Grand total deductions for materials (for TPV's only)
	Grand total of tax deducted in year (for TPV's only)
	Total number of each of "C", "G" and "T" type messages
	Total number of records (detail lines)

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5.2 Segments Use (General)

The following section lists the segments used in the messages and describes their use.

Header Section

UNH	Message Header	To head, identify and specify the message. Includes the message type identifier release number and controlling agency. Non-use of CA and AAC to be explained
BGM	Beginning of Message	To indicate the type and function of the message and to transmit the message number.
DTM	Date/Time/Period	To specify the relevant date information including the message date and tax year, and to specify the date format used.
NAD	Name and Address number	To identify the contractors name and reference
RFF	Reference	To specify the EDI identification of the contractor
CUX	Currencies	To provide currency details, currently MANDATED to be GBP. (Segment included to provide options for possible further developments relating to the introduction of the Euro.)

Detail section

LIN	Line item	To identify the Voucher serial number
NAD	Name and Address	To identify the Sub-contractor's name and address details relating to this authorised payment or EOY return. Note: With <u>TPV</u> records, where the Sub-contractors National Insurance Number (NINO) or identifier is not available, the literal value "NONE" must be used in element 3039 - Party Identification.
RFF	Reference	To provide details of the Sub-contractor's certificate or registration card details, as issued under the Inland Revenue's Construction Industry Scheme. Or to identify the type of Sub-contractor (i.e. by the type of voucher applicable:- Taxed, Gross or Construction Gross Payment type for EOY)
MOA	Monetary Amount	To provide financial information relating to the voucher payment and, for TPVs, the deductions made in calculating the payment.
CNT	Control Total	Used in the EOY message to identify the total number of records for each Voucher Type.

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Summary Section

MOA Monetary Amount	To provide EOY summary details of the total amounts paid, and deducted from payments made during the tax year.
CNT Control Total	To provide control totals for the number of vouchers (detail lines) within the TPV and CGV messages. Within the EOY message this provides the Grand Total number of records.
UNT Message Trailer	To end and check completeness of message.

Service Segments

UNB Interchange Header	A service segment starting and uniquely identifying an interchange.
UNZ Interchange Trailer	A service segment to terminate an interchange.

Note

Monetary Amounts

Details can only be submitted in one currency, currently UK sterling (GBP). However, with the advent of European Monetary Union (EMU), the standard has been defined to allow for possible changes to the scheme that may require currency details to be specified in currencies other than UK Sterling, e.g. Euros

End Of Year Return. 1999/2000

For the 1999/2000 tax year, the new scheme applies to payments made after 1/8/1999. Payments made prior to that date will be reported under the old scheme

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6. Tax Payment Voucher - CISTPV

Function of Message: A message sent from a Contractor to the Inland Revenue each month giving details of payments and tax deducted for Vouchers issued to sub contractors who have been paid after deduction of tax. The message may contain details of one or more vouchers.

6.1 Segment Index

CISTPV

Tax Payment Voucher message

Heading:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Req</u>	<u>Repeat</u>	<u>Notes</u>
0010	UNH	Message Header	M	1	Message Header + unique transmission ref
0020	BGM	Beginning of message	M	1	File identifier for TPVs
0030	DTM	Date/time/period	M	1	File Creation Date
0031	DTM	Date/time/period	M	1	Month/Year
0040	NAD	Name and Address	M	1	Contractor Name & Tax Reference
0050	RFF	Reference	M	1	Contractor EDI Id

Detail:

0060	<u>Segment Group 1</u>		M	2	
0070	CUX	Currencies	M	1	Currency Type
0080	<u>Segment Group 2</u>		M	9999	
0090	LIN	Line Item	M	1	Voucher Serial Number
0100	NAD	Name and Address	M	1	Sub-contractor (Authorised User) Name, Address & NINO or identifier
0110	RFF	Reference	M	1	Sub-contractor Registration Card No
0120	MOA	Monetary amount	M	1	Gross Amount of Payment, excluding VAT
0121	MOA	Monetary amount	M	1	Cost of Materials, excluding VAT
0122	MOA	Monetary amount	M	1	Amount Liable to Deduction
0123	MOA	Monetary amount	M	1	Amount (Tax) Deducted
<u>End of Segment Group 2</u>					
<u>End of Segment Group 1</u>					

Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Req</u>	<u>Repeat</u>	<u>Notes</u>
0130	CNT	Control total	M	1	No of Voucher Records
0140	UNT	Message Trailer	M	1	Message Trailer

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6.2 Message Structure and detail

UNH Message Header

Pos: 0010	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 4

A service segment starting and uniquely identifying a message. The message type code for the Tax Payment Voucher message is CISTPV.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	UNH010	0062	MESSAGE REFERENCE NUMBER	M	an..14	M	Unique message reference. Starts at 1 and increments for each message within the interchange
	UNH020	S009	MESSAGE IDENTIFIER	M	Comp	M	
		0065	Message type	M	an..6	M	Must contain 'CISTPV'
		0052	Message version number	M	an..3	M	Must contain '1'
		0054	Message release number	M	an..3	M	Must contain '97B'
		0051	Controlling Agency	M	an..2	M	Must contain 'IR'
		0057	Association assigned Code	C	an..6	M	Must contain 'INLR01', last 2 digits = version no
	UNH030	0068	COMMON ACCESS REFERENCE	C	an..35		Not used
	UNH040	S010	STATUS OF THE TRANSFER	C	Comp		Not used
		0070	Sequence of transfer	M	n..2		
		0073	First and last transfer	C	an1		

Example:

UNH+1+CISTPV:1:97B:IR:INLR01'

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BGM Beginning of message

Pos: 0020	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 4

A segment for unique identification of the Tax Payment Voucher message.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
BGM010	C002	Document/message name	C	Comp	M	
	1001	Document/message name, coded	C	an..3	M	Must contain '25E'
	1131	Code list qualifier	C	an..3		Not Used
	3055	Code list responsible agency, coded	C	an..3		Not used
	1000	Document/message name	C	an..35		Not used
BGM020	C106	Document/message identification	C	Comp		Not Used
	1004	Document/message number	C	an..35		
	1056	Version	C	an..9		
	1060	Revision number	C	an..6		
BGM030	1225	Message function, coded	C	an..3		Not Used
BGM040	4343	Response type, coded	C	an..3		Not Used

Example:

BGM+25E'

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DTM Date/time/period

Pos: 0030	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 1

A segment specifying the date that the Tax Payment Voucher message has been sent.

Element Summary:

Ref	Id	Element Name	EDIFACT	Type	IR	Implementation Notes	
	DTM010	C507	Date/time/period	M	Comp	M	
		2005	Date/time/period qualifier	M	an..3	M	Must contain '97', transaction creation date
		2380	Date/time/period	C	an..35	M	Must contain 8 digit File Creation Date
		2379	Date/time/period format qualifier	C	an..3	M	Must contain '102', date format = CCYYMMDD

Example:

DTM+97:19990919:102'

DTM Date/time/period

Pos: 0031	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 1

A segment specifying the Month/Year which these Tax Payment Vouchers cover.

Element Summary:

Ref	Id	Element Name	EDIFACT	Type	IR	Implementation Notes	
	DTM010	C507	Date/time/period	M	Comp	M	
		2005	Date/time/period qualifier	M	an..3	M	Must contain '325', tax period
		2380	Date/time/period	C	an..35	M	Must contain 6 digit Month/Year
		2379	Date/time/period format qualifier	C	an..3	M	Must contain '610', date format = CCYYMM

Example:

DTM+325:199909:610'

Additional Information: the date shown in 2380 refers to the calendar month in which the tax month ends, e.g. vouchers completed for the month ending 5th September 1999 must have the 6 digit month/year as 199909.

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NAD Name and address

Pos: 0040	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 9

A segment identifying the Contractor's name and Reference No.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
NAD010	3035	Party qualifier	M	an..3	M	Must contain 'FC', contractor (main)
NAD020	C082	Party identification details	C	Comp	M	
	3039	Party identification	M	an..35	M	Must contain 13 digit Contractor Tax Reference, as supplied by the Revenue when contractor set up for CIS
	1131	Code list qualifier	C	an..3	M	Must contain '167', tax party identification
	3055	Code list responsible agency, coded	C	an..3		Not used
NAD030	C058	Name and address	C	Comp	M	
	3124	Name and address line	M	an..35	M	Must contain Contractor Name Line 1, up to 28 characters
	3124	Name and address line	C	an..35	C	May contain Contractor Name Line 2, up to 28 characters
	3124	Name and address line	C	an..35		Not used
	3124	Name and address line	C	an..35		Not used
	3124	Name and address line	C	an..35		Not used
NAD040	C080	Party name	C	Comp		Not Used
	3036	Party name	M	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3045	Party name format, coded	C	an..3		
NAD050	C059	Street	C	Comp		Not Used
	3042	Street and number/p.o. box	M	an..35		

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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
	3042	Street and number/p.o. box	C	an..35		
	3042	Street and number/p.o. box	C	an..35		
	3042	Street and number/p.o. box	C	an..35		
NAD060	3164	City name	C	an..35		Not Used
NAD070	3229	Country sub-entity identification	C	an..9		Not Used
NAD080	3251	Postcode identification	C	an..9		Not Used
NAD090	3207	Country, coded	C	an..3		Not Used

Example:

NAD+FC+1000000003590:167+JO SMITH'

Additional Information: the Contractor Tax Reference is two concatenated references given to the Contractor by the Inland Revenue. First, the Unique Tax Reference number; format - n10. Second, the Scheme Id format - n3.

A contractor may have one or many of these references depending upon the number of Schemes in operation.

The Inland Revenue assigned Contractor Tax Reference must be included during testing, if omitted it will cause failure.

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RFF Reference

Pos: 0050	Max: 1
Heading - Mandatory	
Group: N/A	Elems: 1

A segment providing the EDI identification of the Contractor.

Element Summary:

Ref	Id	Element Name	EDIFACT	Type	IR	Implementation Notes
RFF010	C506	Reference	M	Comp	M	
	1153	Reference qualifier	M	an..3	M	Must contain 'EI', employer's identification no
	1154	Reference number	C	an..35	M	Must contain 4 character Contractor EDI Id
	1156	Line number	C	an..6		Not Used
	4000	Reference version number	C	an..35		Not Used

Example:

RFF+EI:ZZZ9'

The Inland Revenue do not immediately allocate a unique EDI Id to the Contractor. This is only issued after the contractor has achieved three consecutive successful tests for their first message type (CISCGV, CISTPV or CISEOY) tested with EDS/IR.

Until a Contractor has reached this stage in testing, a temporary test EDI Id must be used = 'ZZZ9'.

Once the Contractor completes three consecutive successful tests for their first message type, a unique EDI Id will be allocated to the Contractor by the Inland Revenue, to replace the test EDI Id value.

Following this, the unique EDI Id must be used in all message testing for that Contractor.

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CUX Currencies

Pos: 0070	Max: 1
Detail - Mandatory	
Group: 1	Elems: 4

A segment giving the currency and the associated exchange rate. Provides for the possible future introduction of the EURO (EUR).

Element Summary:

_Ref	_Id	Element Name	EDIFACT	Type	IR	Implementation Notes	
	CUX010	C504	Currency details	C	Comp	M	
		6347	Currency details qualifier	M	an..3	M	Must contain '2', reference currency
		6345	Currency, coded	C	an..3	M	Must contain 'GBP' until further notice
		6343	Currency qualifier	C	an..3	M	Must contain '11', payment currency
		6348	Currency rate base	C	n..4		Not Used
	CUX020	C504	Currency details	C	Comp		Not Used
		6347	Currency details qualifier	M	an..3		
		6345	Currency, coded	C	an..3		
		6343	Currency qualifier	C	an..3		
		6348	Currency rate base	C	n..4		
	CUX030	5402	Rate of exchange	C	n..12		Not Used
	CUX040	6341	Currency market exchange, coded	C	an..3		Not Used

Example:

CUX+2:GBP:11'

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LIN

Line Item

Pos: 0090	Max: 1
Detail - Mandatory	
Group: 2	Elms: 6

A segment identifying the Voucher Serial No issued to the Sub-contractor.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
LIN010	1082	Line Item number	C	an..6	M	A number starting from 1 and incrementing by 1 for each voucher contained in <u>this</u> message
LIN020	1229	Action Request/Notification, coded	M	an..3		Not Used
LIN030	C212	Item Number Identification	C	Comp	M	
	7140	Item Number	C	an..35	M	Must contain 10 digit Voucher Serial No (see Note)
	7143	Item Number Type, coded	C	an..3	M	Must contain 'VSN'
	1131	Code List Qualifier	C	an..3		Not used
	3055	Code List Responsible Agency, coded	C	an..3		Not used
LIN040	C829	Sub-line information	C			Not used
	5495	Sub-line indicator, coded	C	an..3		
	1082	Line item number	C	an..6		
LIN050	1222	Configuration Level	C	n..2		Not Used
LIN060	7083	Configuration, coded	C	an..3		Not Used

Example:

LIN+1++1999000001:VSN'

Note: the Voucher Serial No is a unique number across all vouchers submitted in a contractors scheme for which data is submitted via EDI. The first 4 digits relate to current year, CCYY, and the remaining 6 digits being numbered consecutively, starting from 000001 at the start of each calendar year.

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NAD Name and address

Pos: 0100	Max: 1
Detail - Mandatory	
Group: 2	Elms: 9

A segment identifying the name and address of the Sub-contractor, (Authorised User), whose payments are made within the Tax Payment Voucher system.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
NAD010	3035	Party qualifier	M	an..3	M	Must contain 'EV', Sub-contractor
NAD020	C082	Party identification details	C	Comp	M	
	3039	Party identification	M	an..35	M	Must contain Sub-contractor's National Insurance No (NINO) formatted as aannnnna or, the identifier formatted as nnannnn, where the 3rd character is X. If the NINO or identifier is not available, the literal 'NONE' should be used
	1131	Code list qualifier	C	an..3	M	Must contain '167', tax party identification
	3055	Code list responsible agency, coded	C	an..3		Not Used
NAD030	C058	Name and address	C	Comp	M	
	3124	Name and address line	M	an..35	M	Must contain Sub-contractor (Authorised User) Name, up to 16 characters
	3124	Name and address line	C	an..35	C	May contain Sub-contractor (Authorised User) Address Line 1, up to 35 characters
	3124	Name and address line	C	an..35	C	May contain Sub-contractor (Authorised User) Address Line 2, up to 35 characters
	3124	Name and address line	C	an..35	C	May contain Sub-contractor (Authorised User) Address Line 3, up to 35 characters
	3124	Name and address line	C	an..35	C	May contain Sub-contractor (Authorised User) Address Line 4, up to 35 characters
NAD040	C080	Party name	C	Comp		Not used
	3036	Party name	M	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		

**Construction Industry Scheme
EDI Message Implementation Guidelines**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
	3036	Party name	C	an..35		
	3045	Party name format, coded	C	an..3		
NAD050	C059	Street	C	Comp		Not Used
	3042	Street and number/p.o. box	M	an..35		
	3042	Street and number/p.o. box	C	an..35		
	3042	Street and number/p.o. box	C	an..35		
	3042	Street and number/p.o. box	C	an..35		
NAD060	3164	City name	C	an..35		Not Used
NAD070	3229	Country sub-entity identification	C	an..9		Not Used
NAD080	3251	Postcode identification	C	an..9	C	May contain Sub-contractor (Authorised User) post code
NAD090	3207	Country, coded	C	an..3		Not Used

Example:

**NAD+EV+12X38629:167+JIM YATES:99 THE ALDWYCH:WESTMINSTER:LONDON
+++++WC2A 4BZ'**

Note: National Insurance No must be the standard format of aannnnna (9 characters).

Identifier must be the standard format of nnannnnn (8 characters), where the 3rd character is 'X'. If these values are not available the value 'NONE' can be used.

If these formats are not adhered to, the message will fail.

**Construction Industry Scheme
EDI Message Implementation Guidelines**

RFF Reference

Pos: 0110	Max: 1
Detail - Mandatory	
Group: 2	Elms: 1

A segment providing the Sub-contractor's Registration Card No.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
RFF010	C506	Reference	M	Comp	M	
	1153	Reference qualifier	M	an..3	M	Must contain 'AHP', tax registration no
	1154	Reference number	C	an..35	M	Must contain 13 digit Sub-contractor Registration Card No
	1156	Line number	C	an..6		Not Used
	4000	Reference version number	C	an..35		Not Used

Example:

RFF+AHP:1234567890123'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

MOA Monetary amount

Pos: 0120	Max: 1
Detail - Mandatory	
Group: 2	Elms: 1

A segment giving the Gross Amount of Payment details.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	MOA010	C516	Monetary amount	M	Comp	M	
		5025	Monetary amount type qualifier	M	an..3	M	Must contain '128', total amount
		5004	Monetary amount	C	n..18	M	Must contain Gross Amount of Payment, excluding VAT, (£), up to 6 digits
		6345	Currency, coded	C	an..3		Not Used
		6343	Currency qualifier	C	an..3		Not used
		4405	Status, coded	C	an..3		Not Used

Example:

MOA+128:123456'

MOA Monetary amount

Pos: 0121	Max: 1
Detail - Mandatory	
Group: 2	Elms: 1

A segment giving the Cost of Materials details.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	MOA010	C516	Monetary amount	M	Comp	M	
		5025	Monetary amount type qualifier	M	an..3	M	Must contain '186', material cost
		5004	Monetary amount	C	n..18	M	Must contain Cost of Materials, excluding VAT, (£), up to 6 digits
		6345	Currency, coded	C	an..3		Not Used
		6343	Currency qualifier	C	an..3		Not used
		4405	Status, coded	C	an..3		Not Used

Example:

MOA+186:234567'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

MOA Monetary amount

Pos: 0122	Max: 1
Detail - Mandatory	
Group: 2	Elms: 1

A segment giving the Amount Liable to Tax details.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	MOA010	C516	Monetary amount	M	Comp	M	
		5025	Monetary amount type qualifier	M	an..3	M	Must contain '125', taxable amount
		5004	Monetary amount	C	n..18	M	Must contain Amount Liable to Tax, (£), up to 6 digits
		6345	Currency, coded	C	an..3		Not Used
		6343	Currency qualifier	C	an..3		Not used
		4405	Status, coded	C	an..3		Not Used

Example:

MOA+125:345678'

MOA Monetary amount

Pos: 0123	Max: 1
Detail - Mandatory	
Group: 2	Elms: 1

A segment giving the Amount (Tax) Deducted details.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	MOA010	C516	Monetary amount	M	Comp	M	
		5025	Monetary amount type qualifier	M	an..3	M	Must contain '124', tax amount
		5004	Monetary amount	C	n..18	M	Must contain Amount (Tax) Deducted (pence), up to 8 digits
		6345	Currency, coded	C	an..3		Not Used
		6343	Currency qualifier	C	an..3		Not used
		4405	Status, coded	C	an..3		Not Used

Example:

MOA+124:45678910'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

CNT Control total

Pos: 0130	Max: 1
Summary - Mandatory	
Group: N/A	Elms: 1

A segment to provide message control totals, i.e. records the total number of vouchers sent in this message.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	CNT010	C270	Control	M	Comp	M	
		6069	Control qualifier	M	an..3	M	Must contain '2', no of line items in message
		6066	Control value	M	n..18	M	Must contain Total No of Voucher Records (lines), max 9999
		6411	Measure unit qualifier	C	an..3		Not Used

Example:

CNT+2:1'

UNT Message Trailer

Pos: 0140	Max: 1
Summary - Mandatory	
Group: N/A	Elms: 2

A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	UNT010	0074	NUMBER OF SEGMENTS IN THE MESSAGE	M	n..6	M	Message segment count includes UNH and UNT
	UNT020	0062	MESSAGE REFERENCE NUMBER	M	an..14	M	Same value as 0062 in UNH

Example:

UNT+16+1'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

6.3 Sample Voucher and EDI message

Sample Message:

UNB+UNOA:1+CONTRACTOR ID+INLANDREVENUE+990919:1234+1++CIS'
 or for test transmission
 UNB+UNOA:1+CONTRACTOR ID+INLANDREVENUE+990919:1234+1++CIS++++1'

UNH+1+CISTPV:1:97B:IR:INLR01'
 BGM+25E'
 DTM+97:19990919:102'
 DTM+325:199909:610'
 NAD+FC+1000000003590:167+JO SMITH'
 RFF+EI:ABC4'
 CUX+2:GBP:11'
 LIN+1+1999000057:VSN'
 NAD+EV+TN123456A:167+JIM YATES:99 THE ALDWYCH:WESTMINSTER:LONDON+++++WC2A 4BZ'
 RFF+AHP:1234567890123'
 MOA+128:123456'
 MOA+186:234567'
 MOA+125:345678'
 MOA+124:45678910'

LIN.....

Further sub-contractor details may be included here. The value within the CNT segment contains the total number of voucher records in the message and the value within the UNT segment contains the total number of segments in the message.

.....MOA

CNT+2:1'
 UNT+16+1'

UNH.....

Further messages, i.e. UNH through UNT segments, may be included here. The value within the UNZ segment contains the total number of messages within the interchange.

.....UNT

UNZ+1+1'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

7. Construction Gross Payment Voucher -CISCGV

Function of Message: A message sent from a contractor to the Inland Revenue each month giving details of the gross payments made to certified contractors. Each Message may contain details of one or more vouchers.

7.1 Segment Index

CISCGV

Construction Gross Payment Voucher message

Heading:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Req</u>	<u>Repeat</u>	<u>Notes</u>
0010	UNH	Message Header	M	1	Message Header + unique transmission ref
0020	BGM	Beginning of message	M	1	File identifier for CGPVs
0030	DTM	Date/time/period	M	1	File Creation Date
0031	DTM	Date/time/period	M	1	Month/Year
0040	NAD	Name and Address	M	1	Contractor Name & Tax Reference
0050	RFF	Reference	M	1	Contractor EDI Id

Detail:

0060		<u>Segment Group 1</u>	M	2	
0070	CUX	Currencies	M	1	Currency Type
0080		<u>Segment Group 2</u>	M	9999	
0090	LIN	Line Item	M	1	Voucher Serial Number
0100	NAD	Name & Address	M	1	Name of Sub-contractor (Issued to)
0110	RFF	Reference	M	1	Sub-contractor Certificate No
0120	MOA	Monetary Amount	M	1	Gross Amount of Payment
		<u>End of Segment Group 2</u>			
		<u>End of Segment Group 1</u>			

Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Req</u>	<u>Repeat</u>	<u>Notes</u>
0130	CNT	Control total	M	1	No of Voucher Records
0140	UNT	Message Trailer	M	1	Message Trailer

**Construction Industry Scheme
EDI Message Implementation Guidelines**

7.2 Message Structure and detail

UNH Message Header

Pos: 0010	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 4

A service segment starting and uniquely identifying a message. The message type code for the Construction Gross Payment Voucher message is CISC GV.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
UNH010	0062	MESSAGE REFERENCE NUMBER	M	an..14	M	Unique message reference. Starts at 1 and increments for each message within the interchange
UNH020	S009	MESSAGE IDENTIFIER	M	Comp	M	
	0065	Message type	M	an..6	M	Must contain 'CISC GV'
	0052	Message version number	M	an..3	M	Must contain '1'
	0054	Message release number	M	an..3	M	Must contain '97B'
	0051	Controlling Agency	M	an..2	M	Must contain 'IR'
	0057	Association assigned Code	C	an..6	M	Must contain 'INLR01', last 2 digits = version no
UNH030	0068	COMMON ACCESS REFERENCE	C	an..35		Not used
UNH040	S010	STATUS OF THE TRANSFER	C	Comp		Not used
	0070	Sequence of transfer	M	n..2		
	0073	First and last transfer	C	an1		

Example:

UNH+1+CISC GV:1:97B:IR:INLR01'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

BGM Beginning of message

Pos: 0020	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 4

A segment for unique identification of the Construction Gross Payment Voucher message.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
BGM010	C002	Document/message name	C	Comp	M	
	1001	Document/message name, coded	C	an..3	M	Must contain '23E'
	1131	Code list qualifier	C	an..3		Not Used
	3055	Code list responsible agency, coded	C	an..3		Not used
	1000	Document/message name	C	an..35		Not used
BGM020	C106	Document/message identification	C	Comp		Not Used
	1004	Document/message number	C	an..35		
	1056	Version	C	an..9		
	1060	Revision number	C	an..6		
BGM030	1225	Message function, coded	C	an..3		Not Used
BGM040	4343	Response type, coded	C	an..3		Not Used

Example:

BGM+23E'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

DTM Date/time/period

Pos: 0030	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 1

A segment specifying the date that the Construction Gross Payment Voucher message has been sent.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	DTM010	C507	Date/time/period	M	Comp	M	
		2005	Date/time/period qualifier	M	an..3	M	Must contain '97', transaction creation date
		2380	Date/time/period	C	an..35	M	Must contain 8 digit File Creation Date
		2379	Date/time/period format qualifier	C	an..3	M	Must contain '102', date format = CCYYMMDD

Example:

DTM+97:19990919:102'

DTM Date/time/period

Pos: 0031	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 1

A segment specifying the Month/Year which these Construction Gross Payment Vouchers cover.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	DTM010	C507	Date/time/period	M	Comp	M	
		2005	Date/time/period qualifier	M	an..3	M	Must contain '325', tax period
		2380	Date/time/period	C	an..35	M	Must contain 6 digit Month/Year
		2379	Date/time/period format qualifier	C	an..3	M	Must contain '610', date format = CCYYMM

Example:

DTM+325:199909:610'

Additional Information: the date shown in 2380 refers to the calendar month in which the tax month ends, e.g. vouchers completed for the month ending 5th September 1999 must have the 6 digit month/year as 199909.

**Construction Industry Scheme
EDI Message Implementation Guidelines**

NAD Name and address

Pos: 0040	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 9

A segment identifying the Contractor's name and Reference No.

Element Summary:

Ref	Id	Element Name	EDIFACT	Type	IR	Implementation Notes
NAD010	3035	Party qualifier	M	an..3	M	Must contain 'FC', contractor (main)
NAD020	C082	Party identification details	C	Comp	M	
	3039	Party identification	M	an..35	M	Must contain 13 digit Contractor Tax Reference, as supplied by the Revenue when contractor set up for CIS
	1131	Code list qualifier	C	an..3	M	Must contain '167', tax party identification
	3055	Code list responsible agency, coded	C	an..3		Not Used
NAD030	C058	Name and address	C	Comp	M	
	3124	Name and address line	M	an..35	M	Must contain Contractor Name Line 1, up to 28 characters
	3124	Name and address line	C	an..35	C	May contain Contractor Name Line 2, up to 28 characters
	3124	Name and address line	C	an..35		Not Used
	3124	Name and address line	C	an..35		Not Used
	3124	Name and address line	C	an..35		Not Used
NAD040	C080	Party name	C	Comp		Not Used
	3036	Party name	M	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3045	Party name format, coded	C	an..3		
NAD050	C059	Street	C	Comp		Not Used
	3042	Street and number/p.o. box	M	an..35		

**Construction Industry Scheme
EDI Message Implementation Guidelines**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
	3042	Street and number/p.o. box	C	an..35		
	3042	Street and number/p.o. box	C	an..35		
	3042	Street and number/p.o. box	C	an..35		
NAD060	3164	City name	C	an..35		Not Used
NAD070	3229	Country sub-entity identification	C	an..9		Not Used
NAD080	3251	Postcode identification	C	an..9		Not Used
NAD090	3207	Country, coded	C	an..3		Not Used

Example:

NAD+FC+ 1000000003590:167+JO SMITH'

Additional Information: the Contractor Tax Reference is two concatenated references given to the Contractor by the Inland Revenue. First, the Unique Tax Reference number; format - n10. Second, the Scheme Id format - n3.

A contractor may have one or many of these references depending upon the number of Schemes in operation.

The Inland Revenue assigned Contractor Tax Reference must be included during testing, if omitted it will cause failure.

RFF Reference

Pos: 0050	Max: 1
Heading - Mandatory	
Group: N/A	Elems: 0

A segment providing the EDI identification of the Contractor.

Element Summary:

Ref	Id	Element Name	EDIFACT	Type	IR	Implementation Notes
RFF010	C506	Reference	M	Comp	M	
	1153	Reference qualifier	M	an..3	M	Must contain 'EI', employer's identification no
	1154	Reference number	C	an..35	M	Must contain 4 character Contractor EDI Id
	1156	Line number	C	an..6		Not Used
	4000	Reference version number	C	an..35		Not Used

Example:

RFF+EI:ZZZ9'

The Inland Revenue do not immediately allocate a unique EDI Id to the Contractor. This is only issued after the contractor has achieved three consecutive successful tests for their first message type (CISCGV, CISTPV or CISEOY) tested with EDS/IR.

Until a Contractor has reached this stage in testing, a temporary test EDI Id must be used = 'ZZZ9'.

Once the Contractor completes three consecutive successful tests for their first message type, a unique EDI Id will be allocated to the Contractor by the Inland Revenue, to replace the test EDI Id value.

Following this, the unique EDI Id must be used in all message testing for that Contractor.

CUX Currencies

Pos: 0070	Max: 1
Heading - Mandatory	
Group: 1	Elms: 4

A segment giving the currency and the associated exchange rate. Provides for the possible future introduction of the EURO (EUR).

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	CUX010	C504	Currency details	C	Comp	M	
		6347	Currency details qualifier	M	an..3	M	Must contain '2', reference currency
		6345	Currency, coded	C	an..3	M	Must contain 'GBP' until further notice
		6343	Currency qualifier	C	an..3	M	Must contain '11', payment currency
		6348	Currency rate base	C	n..4		Not Used
	CUX020	C504	Currency details	C	Comp		Not Used
		6347	Currency details qualifier	M	an..3		
		6345	Currency, coded	C	an..3		
		6343	Currency qualifier	C	an..3		
		6348	Currency rate base	C	n..4		
	CUX030	5402	Rate of exchange	C	n..12		Not Used
	CUX040	6341	Currency market exchange, coded	C	an..3		Not Used

Example:

CUX+2:GBP:11'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

LIN

Line Item

Pos: 0090	Max: 1
Detail - Mandatory	
Group: 2	Elms: 6

A segment identifying the Voucher Serial No issued to the Sub-contractor.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
LIN010	1082	Line Item number	C	an..6	M	A number starting from 1 and incrementing by 1 for each voucher contained in <u>this</u> message.
LIN020	1229	Action Request/Notification, coded	C	an.3		Not Used
LIN030	C212	Item Number Identification	C	Comp	M	
	7140	Item Number	C	an..35	M	Must contain 10 digit Voucher Serial No (see Note)
	7143	Item Number Type, coded	C	an..3	M	Must contain 'VSN'
	1131	Code List Qualifier	C	an..3		Not used
	3055	Code List Responsible Agency, coded	C	an..3		Not used
LIN040	C829	Sub-line information	C			Not used
	5495	Sub-line indicator, coded	C	an..3		
	1082	Line item number	C	an..6		
LIN050	1222	Configuration Level	C	n..2		Not Used
LIN060	7083	Configuration, coded	C	an..3		Not Used

Example:

LIN+1++1999123456:VSN'

Note: the Voucher Serial No is a unique number across all vouchers submitted in a contractors scheme for which data is submitted via EDI. The first 4 digits relate to current year, CCYY, and the remaining 6 digits being numbered consecutively, starting from 000001 at the start of each calendar year.

**Construction Industry Scheme
EDI Message Implementation Guidelines**

NAD Name and address

Pos: 0100	Max: 1
Detail - Mandatory	
Group: 2	Elms: 9

A segment identifying the Name (Issued to) whose payments are covered by the Construction Gross Payment Voucher system.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
NAD010	3035	Party qualifier	M	an..3	M	Must contain 'EV', Sub-contractor
NAD020	C082	Party identification details	C	Comp		Not used
	3039	Party identification	M	an..35		
	1131	Code list qualifier	C	an..3		
	3055	Code list responsible agency, coded	C	an..3		
NAD030	C058	Name and address	C	Comp	M	
	3124	Name and address line	M	an..35	M	Must contain Name (Issued to), from Sub-contractor's certificate, up to 26 characters
	3124	Name and address line	C	an..35		Not Used
	3124	Name and address line	C	an..35		Not Used
	3124	Name and address line	C	an..35		Not Used
	3124	Name and address line	C	an..35		Not Used
NAD040	C080	Party name	C	Comp		Not Used
	3036	Party name	M	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3045	Party name format, coded	C	an..35		
NAD050	C059	Street	C	Comp		Not Used
	3042	Street and number/p.o. box	M	an..35		
	3042	Street and number/p.o. box	C	an..35		

**Construction Industry Scheme
EDI Message Implementation Guidelines**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDI FACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
	3042	Street and number/p.o. box	C	an..35		
	3042	Street and number/p.o. box	C	an..35		
NAD060	3164	City name	C	an..35		Not Used
NAD070	3229	Country sub-entity identification	C	an..9		Not Used
NAD080	3251	Postcode identification	C	an..9		Not Used
NAD090	3207	Country, coded	C	an..3		Not Used

Example:

NAD+EV++JIM YATES'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

RFF Reference

Pos: 0110	Max: 1
Detail - Mandatory	
Group: 2	Elms: 1

A segment providing the Certificate No of the Sub-contractor.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
RFF010	C506	Reference	M	Comp	M	
	1153	Reference qualifier	M	an..3	M	Must contain 'AID', certificate of conformity
	1154	Reference number	C	an..35	M	Must contain Sub- contractor's 13 digit Certificate No
	1156	Line number	C	an..6		Not Used
	4000	Reference version number	C	an..35		Not Used

Example:

RFF+AID:1590171003195'

MOA Monetary amount

Pos: 0120	Max: 1
Detail - Mandatory	
Group: 2	Elms: 1

A segment giving the Gross Amount of Payment details.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	MOA010	C516	Monetary amount	M	Comp	M	
		5025	Monetary amount type qualifier	M	an..3	M	Must contain '128', total amount
		5004	Monetary amount	C	n..18	M	Must contain Gross Amount of Payment (£), up to 8 digits
		6345	Currency, coded	C	an..3		Not Used
		6343	Currency qualifier	C	an..3		Not Used
		4405	Status, coded	C	an..3		Not Used

Example:

MOA+128:11111111'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

CNT Control total

Pos: 0130	Max: 1
Summary - Mandatory	
Group: N/A	Elms: 1

A segment to provide message control totals, i.e. records the total number of vouchers sent in this message.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
CNT010	C270	Control	M	Comp	M	
	6069	Control qualifier	M	an..3	M	Must contain '2', no of line items in message
	6066	Control value	M	n..18	M	Total No of Voucher Records (lines), max 9999
	6411	Measure unit qualifier	C	an..3		Not Used

Example:

CNT+2:1'

UNT Message Trailer

Pos: 0140	Max: 1
Summary - Mandatory	
Group: N/A	Elms: 2

A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
UNT010	0074	NUMBER OF SEGMENTS IN THE MESSAGE	M	n..6	M	Message segment count includes UNH and UNT
UNT020	0062	MESSAGE REFERENCE NUMBER	M	an..14	M	Same value as 0062 in UNH

Example:

UNT+13+1'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

7.3 Sample Voucher and EDI Message

CGV Sample Message:

UNB+UNOA:1+CONTRACTOR ID+INLANDREVENUE+990919:1234+1++CIS'
or for test transmission
UNB+UNOA:1+CONTRACTOR ID+INLANDREVENUE+990919:1234+1++CIS++++1'

UNH+1+CISCGV:1:97B:IR:INLR01'
BGM+23E'
DTM+97:19990919:102'
DTM+325:199909:610'
NAD+FC+1000000003001:167+JO SMITH'
RFF+EI:ABC4'
CUX+2:GBP:11'
LIN+1++1999000057:VSN'
NAD+EV++JIM YATES'
RFF+AID:1590171003195'
MOA+128:111111111'

LIN.....

Further sub-contractor details may be included here. The value within the CNT segment contains the total number of voucher records in the message and the value within the UNT segment contains the total number of segments in the message.

.....MOA

CNT+2:1'

UNT+13+1'

UNH.....

Further messages, i.e. UNH through UNT segments, may be included here. The value within the UNZ segment contains the total number of messages within the interchange.

.....UNT

UNZ+1+1'



**Construction Industry Scheme
EDI Message Implementation Guidelines**

8. End of Year - CISEOY

Function of Message: A message sent from a contractor to the Inland Revenue, after the end of the tax year, listing the total annual payments made to each sub contractor and reported by type of voucher.

8.1 Segment Index

CISEOY

End Of Year Payment Voucher message

Heading:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Req</u>	<u>Repeat</u>	<u>Notes</u>
0010	UNH	Message Header	M	1	Message Header + unique transmission ref
0020	BGM	Beginning of message	M	1	File identifier for EOYs
0030	DTM	Date/time/period	M	1	File Creation Date
0031	DTM	Date/time/period	M	1	Tax Year
0040	NAD	Name and Address	M	1	Contractor Name & Tax Reference
0050	RFF	Reference	M	1	Contractor EDI Id

Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Req</u>	<u>Repeat</u>	<u>Notes</u>
0060		<u>Segment Group 1</u>	M	2	
0070	CUX	Currencies	M	1	Currency Type
0080		<u>Segment Group 2</u>	M	3	
0090	RFF	Reference	M	1	Voucher Type, 'C', 'G' or 'T'
0100		<u>Segment Group 3</u>	M	99999	
0110	NAD	Name and Address	M	1	Sub-contractor Name (Authorised User or 'Issued to' Name)
0120	RFF	Reference	M	1	Registration Card No. / Certificate No.
0130	MOA	Monetary amount	M	1	Total Payments in Year
0131	MOA	Monetary amount	C	1	Total Deductions for Materials (Mandatory for TPVs only)
0132	MOA	Monetary amount	C	1	Total Tax Deducted in Year (Mandatory for TPVs only)
		<u>End of Segment Group 3</u>			
0140	CNT	Control Total	M	1	Total No.of Records for this Voucher Type
		<u>End of Segment Group 2</u>			
0150	MOA	Monetary amount	M	1	Grand Total Payments in Year
0151	MOA	Monetary amount	C	1	Grand Total Deductions for Materials (Mandatory for TPVs only)
0152	MOA	Monetary amount	C	1	Grand Total Tax Deducted in Year (Mandatory for TPVs only)
		<u>End of Segment Group 1</u>			

Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Req</u>	<u>Repeat</u>	<u>Notes</u>
0160	CNT	Control total	M	1	Grand Total No of Records (lines)
0170	UNT	Message Trailer	M	1	Message Trailer

**Construction Industry Scheme
EDI Message Implementation Guidelines**

8.2 Message Structure and detail

UNH Message Header

Pos: 0010	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 4

A service segment starting and uniquely identifying a message. The message type code for the End of Year Payment Voucher message is CISEOY.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
UNH010	0062	MESSAGE REFERENCE NUMBER	M	an..14	M	Unique message reference. Starts at 1 and increments for each message within the interchange
UNH020	S009	MESSAGE IDENTIFIER	M	Comp	M	
	0065	Message type	M	an..6	M	Must contain 'CISEOY'
	0052	Message version number	M	an..3	M	Must contain '1'
	0054	Message release number	M	an..3	M	Must contain '97B'
	0051	Controlling Agency	M	an..2	M	Must contain 'IR'
	0057	Association assigned Code	C	an..6	M	Must contain 'INLR01', last 2 digits = version no
UNH030	0068	COMMON ACCESS REFERENCE	C	an..35		Not used
UNH040	S010	STATUS OF THE TRANSFER	C	Comp		Not used
	0070	Sequence of transfer	M	n..2		
	0073	First and last transfer	C	an1		

Example:

UNH+1+CISEOY:1:97B:IR:INLR01'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

BGM Beginning of message

Pos: 0020	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 4

A segment for unique identification of the End of Year Payment Voucher message, along with the type of End of Year Payment Voucher.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	BGM010	C002	Document/message name	C	Comp	M	
		1001	Document/message name, coded	C	an..3	M	Must contain '36E'
		1131	Code list qualifier	C	an..3		Not Used
		3055	Code list responsible agency, coded	C	an..3		Not used
		1000	Document/message name	C	an..35		Not Used
	BGM020	C106	Document/message identification	C	Comp		Not Used
		1004	Document/message number	C	an..35		
		1056	Version	C	an..9		
		1060	Revision number	C	an..6		
	BGM030	1225	Message function, coded	C	an..3		Not Used
	BGM040	4343	Response type, coded	C	an..3		Not Used

Example:

BGM+36E'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

DTM Date/time/period

Pos: 0030	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 1

A segment specifying the date that the End of Year Payment Voucher message has been sent.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	DTM010	C507	Date/time/period	M	Comp	M	
		2005	Date/time/period qualifier	M	an..3	M	Must contain '97', transaction creation date
		2380	Date/time/period	C	an..35	M	Must contain 8 digit File Creation Date
		2379	Date/time/period format qualifier	C	an..3	M	Must contain '102', date format = CCYYMMDD

Example:

DTM+97:20000419:102'

DTM Date/time/period

Pos: 0031	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 1

A segment specifying the Tax Year for which the End of Year Payment Voucher is issued.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	DTM010	C507	Date/time/period	M	Comp	M	
		2005	Date/time/period qualifier	M	an..3	M	Must contain '325', tax period
		2380	Date/time/period	C	an..35	M	Must contain 4 digit Tax Year
		2379	Date/time/period format qualifier	C	an..3	M	'602', date format = CCYY

Example:

DTM+325:1999:602'

Additional Information: the date shown in 2380 refers to the year in which the tax year ends, e.g. End of Year returns completed for the tax year ending 5th April 2000 must have the year as 2000.

**Construction Industry Scheme
EDI Message Implementation Guidelines**

NAD Name and address

Pos: 0040	Max: 1
Heading - Mandatory	
Group: N/A	Elems: 9

A segment identifying the Contractor's name and Reference No.

Element Summary:

Ref	Id	Element Name	EDIFACT	Type	IR	Implementation Notes	
	NAD010	3035	Party qualifier	M	an..3	M	Must contain 'FC', contractor (main)
	NAD020	C082	Party identification details	C	Comp	M	
		3039	Party identification	M	an..35	M	Must contain 13 digit Contractor Tax Reference, as supplied by the Revenue when contractor set up for CIS
		1131	Code list qualifier	C	an..3	M	Must contain '167', tax party identification
		3055	Code list responsible agency, coded	C	an..3		Not Used
	NAD030	C058	Name and address	C	Comp	M	
		3124	Name and address line	M	an..35	M	Must contain Contractor Name Line 1, up to 28 characters
		3124	Name and address line	C	an..35	C	May contain Contractor Name Line 2, up to 28 characters
		3124	Name and address line	C	an..35		Not used
		3124	Name and address line	C	an..35		Not used
		3124	Name and address line	C	an..35		Not used
	NAD040	C080	Party name	C	Comp		Not used
		3036	Party name	M	an..35		
		3036	Party name	C	an..35		
		3036	Party name	C	an..35		
		3036	Party name	C	an..35		
		3036	Party name	C	an..35		
		3045	Party name format, coded	C	an..3		
	NAD050	C059	Street	C	Comp		Not Used
		3042	Street and number/p.o. box	M	an..35		

**Construction Industry Scheme
EDI Message Implementation Guidelines**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
	3042	Street and number/p.o. box	C	an..35		
	3042	Street and number/p.o. box	C	an..35		
	3042	Street and number/p.o. box	C	an..35		
NAD060	3164	City name	C	an..35		Not Used
NAD070	3229	Country sub-entity identification	C	an..9		Not Used
NAD080	3251	Postcode identification	C	an..9		Not Used
NAD090	3207	Country, coded	C	an..3		Not Used

Example:

NAD+FC+1000000003001:167+JO SMITH'

Additional Information: the Contractor Tax Reference is two concatenated references given to the Contractor by the Inland Revenue. First, the Unique Tax Reference number; format - n10. Second, the Scheme Id format - n3.

A contractor may have one or many of these references depending upon the number of Schemes in operation.

The Inland Revenue assigned Contractor Tax Reference must be included during testing, if omitted it will cause failure.

**Construction Industry Scheme
EDI Message Implementation Guidelines**

RFF Reference

Pos: 0050	Max: 1
Heading - Mandatory	
Group: N/A	Elms: 1

A segment providing the EDI identification of the Contractor.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
RFF010	C506	Reference	M	Comp	M	
	1153	Reference qualifier	M	an..3	M	Must contain 'EI', employer's identification no
	1154	Reference number	C	an..35	M	Must contain 4 character Contractor EDI Id
	1156	Line number	C	an..6		Not Used
	4000	Reference version number	C	an..35		Not Used

Example:

RFF+EI:ZZZ9'

The Inland Revenue do not immediately allocate a unique EDI Id to the Contractor. This is only issued after the contractor has achieved three consecutive successful tests for their first message type (CISCGV, CISTPV or CISEOY) tested with EDS/IR.

Until a Contractor has reached this stage in testing, a temporary test EDI Id must be used = 'ZZZ9'.

Once the Contractor completes three consecutive successful tests for their first message type, a unique EDI Id will be allocated to the Contractor by the Inland Revenue, to replace the test EDI Id value.

Following this, the unique EDI Id must be used in all message testing for that Contractor.

**Construction Industry Scheme
EDI Message Implementation Guidelines**

CUX Currencies

Pos: 0070	Max: 1
Detail - Mandatory	
Group: 1	Elms: 4

A segment giving the currency and the associated exchange rate. Provides for the possible future introduction of the EURO (EUR).

Element Summary:

_Ref	_Id	Element Name	EDIFACT	Type	IR	Implementation Notes
CUX010	C504	Currency details	C	Comp	M	
	6347	Currency details qualifier	M	an..3	M	Must contain '2', reference currency
	6345	Currency, coded	C	an..3	M	Must contain 'GBP' until further notice
	6343	Currency qualifier	C	an..3	M	Must contain '11', payment currency
	6348	Currency rate base	C	n..4		Not Used
CUX020	C504	Currency details	C	Comp		Not Used
	6347	Currency details qualifier	M	an..3		
	6345	Currency, coded	C	an..3		
	6343	Currency qualifier	C	an..3		
	6348	Currency rate base	C	n..4		
CUX030	5402	Rate of exchange	C	n..12		Not Used
CUX040	6341	Currency market exchange, coded	C	an..3		Not Used

Example:

CUX+2:GBP:11'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

RFF Reference

Pos: 0090	Max: 1
Detail - Mandatory	
Group: 2	Elms: 1

A segment providing the Voucher Type under which payment has been made, i.e. 'C' - CGV (CIS23), 'G' - GPV (CIS24) or 'T' - TPV (CIS25) .

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
RFF010	C506	Reference	M	Comp	M	
	1153	Reference qualifier	M	an..3	M	Must contain 'SCT', Sub-contractor type
	1154	Reference number	C	an..35	M	Must contain 1 character Voucher Type, 'C', 'G' or 'T'
	1156	Line number	C	an..6		Not Used
	4000	Reference version number	C	an..35		Not Used

Example:

RFF+SCT:C'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

NAD Name and address

Pos: 0110	Max: 1
Detail - Mandatory	
Group: 3	Elms: 9

A segment identifying the name of the Sub-contractor whose payments are made within the End of Year Payment Voucher system.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
NAD010	3035	Party qualifier	M	an..3	M	Must contain 'EV', Sub-contractor
NAD020	C082	Party identification details	C	Comp		Not Used
	3039	Party identification	M	an..35		
	1131	Code list qualifier	C	an..3		
	3055	Code list responsible agency, coded	C	an..3		
NAD030	C058	Name and address	C	Comp	M	
	3124	Name and address line	M	an..35	M	Must contain Sub-contractor Name, up to 26 characters. This name could <u>either</u> be the name of the Authorised User (up to 16 characters) <u>or</u> the Issued to name (up to 26 characters), as appropriate
	3124	Name and address line	C	an..35		Not Used
	3124	Name and address line	C	an..35		Not Used
	3124	Name and address line	C	an..35		Not Used
	3124	Name and address line	C	an..35		Not Used
NAD040	C080	Party name	C	Comp		Not Used
	3036	Party name	M	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3036	Party name	C	an..35		
	3045	Party name format, coded	C	an..3		
NAD050	C059	Street	C	Comp		Not Used

**Construction Industry Scheme
EDI Message Implementation Guidelines**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
	3042	Street and number/p.o. box	M	an..35		
	3042	Street and number/p.o. box	C	an..35		
	3042	Street and number/p.o. box	C	an..35		
	3042	Street and number/p.o. box	C	an..35		
NAD060	3164	City name	C	an..35		Not Used
NAD070	3229	Country sub-entity identification	C	an..9		Not Used
NAD080	3251	Postcode identification	C	an..9		Not Used
NAD090	3207	Country, coded	C	an..3		Not Used

Example:

NAD+EV++JIM YATES'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

RFF Reference

Pos: 0120	Max: 1
Detail - Mandatory	
Group: 3	Elms: 1

A segment providing the Sub-contractor's Certificate No. or Registration Card No.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
RFF010	C506	Reference	M	Comp	M	
	1153	Reference qualifier	M	an..3	M	Must contain 'AID'
	1154	Reference number	C	an..35	M	Must contain 13 digit Sub-contractor Certificate No.
	1156	Line number	C	an..6		Not Used
	4000	Reference version number	C	an..35		Not Used

Example:

RFF+AID:1234567890123'

OR

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
RFF010	C506	Reference	M	Comp	M	
	1153	Reference qualifier	M	an..3	M	Must contain 'AHP'
	1154	Reference number	C	an..35	M	Must contain 13 digit Sub-contractor Registration No.
	1156	Line number	C	an..6		Not Used
	4000	Reference version number	C	an..35		Not Used

Example:

RFF+AHP:1234567890123'

MOA Monetary amount

Pos: 0130	Max: 1
Summary - Mandatory	
Group: 3	Elms: 1

A segment giving the Total Payments in Year details for Sub-contractors of this type. This segment is mandatory for all voucher types; 'C' - CGV (CIS23), 'G' - GPV (CIS24) and 'T' - TPV (CIS25).

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDI</u> <u>FACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	MOA010	C516	Monetary amount	M	Comp	M	
		5025	Monetary amount type qualifier	M	an..3	M	Must contain '128', total amount
		5004	Monetary amount	C	n..18	M	Must contain Total Payments in Year (£), up to 10 digits, for Sub-contractors of this type
		6345	Currency, coded	C	an..3		Not Used
		6343	Currency qualifier	C	an..3		Not Used
		4405	Status, coded	C	an..3		Not Used

Example:

MOA+128:1234567890'

MOA Monetary amount

Pos: 0131	Max: 1
Detail - Mandatory	
Group: 3	Elms: 1

A segment giving the Total of Deduction for Materials, mandatory for 'T' – TPV (CIS25).

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	MOA010	C516	Monetary amount	M	Comp	M	
		5025	Monetary amount type qualifier	M	an..3	M	Must contain '186', material cost
		5004	Monetary amount	C	n..18	M	Must contain Total of Deduction for Materials (£), up to 8 digits
		6345	Currency, coded	C	an..3		Not Used
		6343	Currency qualifier	C	an..3		Not Used
		4405	Status, coded	C	an..3		Not Used

Example:

MOA+186:12345678'

Note: This value is not present in either 'C' - CGV (CIS23) or 'G' - GPV (CIS24) voucher types.

**Construction Industry Scheme
EDI Message Implementation Guidelines**

MOA Monetary amount

Pos: 0132	Max: 1
Detail - Mandatory	
Group: 3	Elms: 1

A segment giving the Total Tax Deducted in Year, mandatory for 'T' – TPV (CIS25).

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	MOA010	C516	Monetary amount	M	Comp	M	
		5025	Monetary amount type qualifier	M	an..3	M	Must contain '124', tax amount
		5004	Monetary amount	C	n..18	M	Must contain Total Tax Deducted in Year (pence), up to 10 digits
		6345	Currency, coded	C	an..3		Not Used
		6343	Currency qualifier	C	an..3		Not Used
		4405	Status, coded	C	an..3		Not Used

Example:

MOA+124:1234567890'

Note: This value is not present in either 'C' - CGV (CIS23) or 'G' - GPV (CIS24) voucher types.

**Construction Industry Scheme
EDI Message Implementation Guidelines**

CNT Control total

Pos: 0140	Max: 1
Detail - Mandatory	
Group: 2	Elms: 1

A segment to provide message control totals for Sub-contractors of this type.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
CNT010	C270	Control	M	Comp	M	
	6069	Control qualifier	M	an..3	M	Must contain 'ZZZ'
	6066	Control value	M	n..18	M	Must contain Total No of Sub-contractor records of this type, max 99999
	6411	Measure unit qualifier	C	an..3		Not Used

Example:

CNT+ZZZ:1'

Additional Information: the voucher is the type referred to in RFF of Segment Group 2, Pos 0090

MOA Monetary amount

Pos: 0150	Max: 1
Summary - Mandatory	
Group: 1	Elms: 1

A segment giving the Grand Total Payments in Year details for all voucher types.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
MOA010	C516	Monetary amount	M	Comp	M	
	5025	Monetary amount type qualifier	M	an..3	M	Must contain '128', total amount
	5004	Monetary amount	C	n..18	M	Must contain Grand Total Payments in Year (£), up to 12 digits, for Sub-contractors of all types
	6345	Currency, coded	C	an..3		Not Used
	6343	Currency qualifier	C	an..3		Not Used
	4405	Status, coded	C	an..3		Not Used

Example:

MOA+128:123456789012'

MOA Monetary amount

Pos: 0151	Max: 1
Detail - Mandatory	
Group: 1	Elms: 1

A segment giving the Grand Total of Deduction for Materials, mandatory for 'T' – TPV (CIS25).

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
MOA010	C516	Monetary amount	M	Comp	M	
	5025	Monetary amount type qualifier	M	an..3	M	Must contain '186', material cost
	5004	Monetary amount	C	n..18	M	Must contain Grand Total of Deduction for Materials (£), up to 10 digits
	6345	Currency, coded	C	an..3		Not Used
	6343	Currency qualifier	C	an..3		Not Used
	4405	Status, coded	C	an..3		Not Used

Example:

MOA+186:1234567890'

Note: This value is not present in either 'C' - CGV (CIS23) or 'G' - GPV (CIS24) voucher types.

**Construction Industry Scheme
EDI Message Implementation Guidelines**

MOA Monetary amount

Pos: 0152	Max: 1
Detail - Mandatory	
Group: 1	Elms: 1

A segment giving the Grand Total Tax Deducted in Year, mandatory for 'T' – TPV (CIS25).

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>	
	MOA010	C516	Monetary amount	M	Comp	M	
		5025	Monetary amount type qualifier	M	an..3	M	Must contain '124', tax amount
		5004	Monetary amount	C	n..18	M	Must contain Grand Total Tax Deducted in Year (pence), up to 12 digits
		6345	Currency, coded	C	an..3		Not Used
		6343	Currency qualifier	C	an..3		Not Used
		4405	Status, coded	C	an..3		Not Used

Example:

MOA+124:123456789012'

Note: This value is not present in either 'C' - CGV (CIS23) or 'G' - GPV (CIS24) voucher types.

**Construction Industry Scheme
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CNT Control total

Pos: 0160	Max: 1
Summary - Mandatory	
Group: N/A	Elms: 1

A segment to provide message control totals, i.e. records the total number of vouchers sent in this message.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
CNT010	C270	Control	M	Comp	M	
	6069	Control qualifier	M	an..3	M	Must contain '2', no of line items in message
	6066	Control value	M	n..18	M	Must contain Total No of Voucher Records (lines), max 999999
	6411	Measure unit qualifier	C	an..3		Not Used

Example:

CNT+2:3'

UNT Message Trailer

Pos: 0170	Max: 1
Summary - Mandatory	
Group: N/A	Elms: 2

A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>EDIFACT</u>	<u>Type</u>	<u>IR</u>	<u>Implementation Notes</u>
UNT010	0074	NUMBER OF SEGMENTS IN THE MESSAGE	M	n..6	M	Message segment count includes UNH and UNT
UNT020	0062	MESSAGE REFERENCE NUMBER	M	an..14	M	Same value as 0062 in UNH

Example:

UNT+29+1'

**Construction Industry Scheme
EDI Message Implementation Guidelines**

Sample Message:

UNB+UNOA:1+CONTRACTOR ID+INLANDREVENUE+990919:1234+1++CIS'

or for test transmission

UNB+UNOA:1+CONTRACTOR ID+INLANDREVENUE+990919:1234+1++CIS++++1'

UNH+3+CISEOY:1:97B:IR:INLR01'

BGM+36E'

DTM+97:20000419:102'

DTM+325:2000:602'

NAD+FC+CTR1234567890:167+CNAMELINE1:CNAMELINE2'

RFF+EI:ABC4'CUX+2:GBP:11'

RFF+SCT:C'

NAD+EV++SCNAME'

RFF+AID:1234567890123'

MOA+128:1234567890'

NAD+EV...

Further sub-contractor details may be included here for this voucher type, referenced in the RFF+SCT segment.

.....MOA

CNT+ZZZ:1'

RFF+SCT...

May repeat up to 3 times, according to voucher types in use. The value within the CNT segment contains the total number of sub-contractors for the current voucher type.

.....CNT

RFF+SCT:G'

NAD+EV++SCNAME'

RFF+AID:1234567890123'

MOA+128:1234567890'

CNT+ZZZ:1'

RFF+SCT:T'

NAD+EV++SCNAME'

RFF+AHP:1234567890123'

MOA+128:1234567890'

MOA+186:12345678'

MOA+124:1234567890'

CNT+ZZZ:1'

MOA+128:123456789012'

MOA+186:1234567890'

MOA+124:123456789012'

CNT+2:3'UNT+29+1'

9. Flat File. (into EDIFACT)

9.1. Specification

Introduction

The following sections, produced by CITE, suggest a possible flat-file format for each of the message types. You may choose to develop these suggested formats, or alternatively you may choose to develop your own in-house format.

Whichever format you choose, your EDI translation software will require configuration to convert your selected flat-file format to the EDIFACT format, as defined in the main section of this MIG.

This configuration typically involves the development of 'translation tables' or similar. However, some EDI translators may NOT be able to convert the flat-file formats below into the required EDIFACT format. You should, therefore, consult the supplier of your EDI translator prior to the development of any flat-file formats.

There are three flat file formats, for the three messages:

25E Tax Payment Voucher	(TPV)
36E End of Year Schedule	(EOY)
23E Construction Gross Payment Voucher	(CGV)

Although the file formats are slightly different for each message, the comments at the beginning of this document apply to all three messages.

File Format

The file is a sequential ASCII file, where each line is prefixed by a three letter identifier. The format of the line after the identifier is described in detail later in this document. Each line is terminated by a CR/LF pair. Only characters in the EDIFACT level A character set may be used (A..Z 0..9 .,-()/=). The characters '+:?' may be used, but must be prefixed by the release character '?' (these 4 characters are used internally by EDIFACT messages as delimiters, and so can only be used by indicating that they are not a delimiter).

Record Types

As explained above, the file is made up of a number of lines. These lines follow the sequence below. Each File type must be in a separate file (i.e. Construction Gross Payments, Tax Payment and End of Year Vouchers would be in separate files). This is to simplify processing.

**Construction Industry Scheme
EDI Message Implementation Guidelines**

Construction Gross Payment Voucher

GPH [1]	Gross Payment Header Record
GPD [1:9999]	Gross Payment Detail Record(s)
GPT [1]	Gross Payment Trailer Record

Tax Payment Voucher

TPH [1]	Tax Payment Header Record
TPD [1:9999]	Tax Payment Detail Record(s)
TPT [1]	Tax Payment Trailer Record

End of Year Payment Voucher

EYH [1]	End of Year Payment Header Record
EYC [1:2]	End of Year Currency Indicator
EYD [1:9999]	End of Year Payment Detail Record(s) 'C' & 'G' Types
EYP [1:9999]	End of Year Payment Detail Record(s) 'T' Types
EYS [1]	End of Year Detail Totals
EYT [1]	End of Year Payment Trailer Record

For Example: A Construction Gross Payment voucher file consists of a Construction Gross Payment Header Record followed by a minimum of one and a maximum of 9999 Gross Payment Detail records, followed by a Gross Payment Trailer record. A typical file might contain the lines (not all data shown for clarity)

```
GPH ...
GPD ...
GPD ...
GPD ...
GPT0003   (Number of voucher lines)
```

Field Types

Each item in a flat file line has a field type, shown in the flat file format document in the 'Type' column.

The basic EDI field types of X (alphanumeric) and N (numeric) have been sub-typed where the data is more formatted. All the types are described below:

A Alphanumeric data consisting of a string of characters (in the set of EDIFACT Level A characters). Left Justified and padded with [space] characters.

AN Numeric data consisting of a string of numbers. Left Justified and padded with [space] characters. i.e. this is an alphanumeric string, which just happens to contain only numbers.

N General numeric field. The first character in the field is [space]. The rest of

**Construction Industry Scheme
EDI Message Implementation Guidelines**

the field is right justified and padded with [0] characters. Two implied decimal spaces are included in the data. For example, the number 12.34 would be formatted into 19 character positions as ' 000000000000001234' and the number 10 would be formatted as ' 000000000000001000'

I Integer numeric field. This is unsigned (assumed positive always) and does not have the implied decimal places. It is only used where there is no possibility of having any decimal places, for example, the number of copies of a document requested. The number is right justified and padded with [0] characters.

D Date numeric field. This field consists of the date in numerical "CCYYMMDD" format. For example, the 22nd November 1999 would be shown as '19991122'.

M Month Numeric Field. This field consists of the month in numerical "CCYYMM" format. For example, February 1998 would be shown as '199802'.

Y Year Numeric Field. This field consists of the year in numerical "CCYY" format. For example, 2001 would be shown as '2001'.

Columns in the attached file format

There are ten columns in the attached format describing the line formats. They are described below:

Start Byte	The position along the flat file line, starting at 1.
Flat Length	The field length along the flat file line
Description	A short description of the field.
EDI Segment/Element	The EDIFACT segment that the field is mapped to
M/O	Indicates if the element is mandatory or optional. NB This indicates if the flat file requires a value in the field. The EDI message may also require other fields to be filled in.
Type	Field type as described above

**Construction Industry Scheme
EDI Message Implementation Guidelines**

9.2. Layout

Construction Gross Payment Voucher

Start Byte	Flat Length	Description	EDI Segment/Element	M/O	Type	Comments
------------	-------------	-------------	---------------------	-----	------	----------

Record GPH

1	3	GPH		M	A	
4	3	Message Identifier (23E)	BGM(010)/1001	M	A	Construction gross payment voucher
7	8	Message Date	DTM(010)/2380	M	D	File Creation Date (CCYYMMDD)
15	6	Month/Year	DTM(010)/2380	M	M	Tax Month (CCYYMM)
21	13	Contractor Tax Reference	NAD(020)/3039	M	AN	As supplier by IR when set up for CIS
34	28	Contractor Name	NAD(030)/3124	M	A	Contractor Name (Line 1, 28 Characters)
62	28	Contractor Name	NAD(030)/3124	C	A	Contractor Name (Line 2, 28 Characters)
90	4	Contractor EDI ID	RFF(010)/1154	M	A	As supplier by IR when set up for EDI

Record GPD

1	3	GPD		M	A	
4	3	Currency (currently GBP)	CUX(010)/6345 SG1	M	A	Future use of the Euro
7	4	Line Item No	LIN(010)/1082 - SG2	M	I	Seq'l No. per message
11	10	Voucher Serial No	LIN(030)/7140 - SG2	M	I	Unique No. allocated by contractor
21	26	Name (Issued To)	NAD(030)/3124* - SG2	M	A	From Subcontractors Certificate
47	13	Certificate No	RFF(010)/1154 - SG2	M	AN	From Subcontractors Certificate
60	8	Gross Payment	MOA(010)/5004 - SG2	M	I	Excluding VAT

Record GPT

1	3	GPT		M	A	
4	4	Number of Voucher Lines	CNT(010)/6066	M	I	Number of voucher lines within the message

**Construction Industry Scheme
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Tax Payment Voucher

Start Byte	Flat Length	Description	EDI Segment/Element	M/O	Type	Comments
------------	-------------	-------------	---------------------	-----	------	----------

Record TPH

1	3	TPH		M	A	
4	3	Message Identifier (25E)	BGM(010)/1001	M	A	Taxed Payment Voucher
7	8	Message Date	DTM(010)/2380	M	D	File Creation Date (CCYYMMDD)
15	6	Month/Year	DTM(010)/2380	M	M	Tax Month (CCYYMM)
21	13	Contractor Tax Ref	NAD(020)/3039	M	AN	As supplier by IR when set up for CIS
34	28	Contractor Name	NAD(030)/3124	M	A	Contractor Name (Line 1, 28 Characters)
62	28	Contractor Name	NAD(030)/3124	C	A	Contractor Name (Line 2, 28 Characters)
90	4	Contractor EDI ID	RFF(010)/1154	M	A	As supplier by IR when set up for EDI

Record TPD

1	3	TPD		M	A	
4	3	Currency (currently GBP)	CUX(010)/6345 SG1	M	A	Future use of Euro
7	4	Line Item No	LIN(010)/1082 - SG2	M	I	Seq'l No. per message
11	10	Voucher Serial No	LIN(030)/7140 - SG2	M	I	Unique No. allocated by contractor
21	9	National Insurance Number or Identifier	NAD(020)/3039 - SG2	M	AN	or "NONE" where NI No. or Identifier not available
30	16	Authorised User Name	NAD(030)/3124 - SG2	M	AN	From Subcontractors Reg'n card
46	35	Subcontractor's Address, Line 1	NAD(080)/3124 - SG2	C	AN	As Above
81	35	Subcontractor's Address, Line 2	NAD(080)/3124 - SG2	C	AN	As Above
116	35	Subcontractor's Address, Line 3	NAD(080)/3124 - SG2	C	AN	As Above
151	35	Subcontractor's Address, Line 4	NAD(080)/3124 - SG2	C	AN	As Above
186	8	Subcontractor's PostCode	NAD(080)/3251 - SG2	C	AN	As Above
194	13	S/C's Registration Card Number	RFF(010)/1154 - SG2	M	I	As Above
207	6	Gross Payment	MOA(010)/5004 - SG2	M	I	Excluding VAT or the number zero (0)
213	6	Cost of Materials	MOA(010)/5004 - SG2	M	I	Excluding VAT or the number zero (0)
219	6	Amount Liable to Tax	MOA(010)5004 - SG2	M	I	or the number zero (0)
225	8	Tax Deducted (Pence)	MOA(010)5004 - SG2	M	N6, N2	Tax Deducted (Pence) or the number zero (0)

Record TPT

1	3	TPT		M	A	
4	4	Number of Voucher Lines	CNT(010)/6066	M	I	

**Construction Industry Scheme
EDI Message Implementation Guidelines**

**End of Year
Return**

Start Byte	Flat Length	Description	EDI Segment/Element	M/O	Type	Comments
------------	-------------	-------------	---------------------	-----	------	----------

**Record
EYH**

1	3	EYH		M	A	
4	3	Message Identifier (36E)	BGM(010)/1001	M	A	End of year return
7	8	Message Date	DTM(010)/2380	M	D	File Creation Date (CCYYMMDD)
15	4	Tax Year	DTM(010)/2380	M	Y	Tax Year (CCYY)
19	13	Contractor Tax Ref	NAD(020)/3039	M	AN	As supplier by IR when set up for CIS
32	28	Contractor Name	NAD(030)/3124	M	A	Contractor Name (Line 1, 28 Characters)
60	28	Contractor Name	NAD(030)/3124	O	A	Contractor Name (Line 2, 28 Characters)
88	4	Contractor EDI ID	RFF(010)/1154	M	A	As supplier by IR when set up for EDI

**Record
EYD**

1	3	EYD		M	A	
4	3	Currency (currently GBP)	CUX(010)/6345 SG1	M	A	Future use of Euro
7	1	Voucher type as used for payment(s)	RFF(010)/1154 - SG2	M	A	C (CGPV), G (GPV) or T(TPV)
8	26	Authorised User" (16) or "Issued To" (26)	NAD(030)/3124 - SG3	M	AN	From Subcontractors Reg'n card
34	13	Certificate/Registration Card No.	RFF(010)/1154 - SG3	M	I	As Above
47	10	Total Payments in Year	MOA(010)5004 - SG3	M	I	Excluding VAT
57	8	Total Deductions for Materials	MOA(010)5004 - SG3	M	I	Excluding VAT - TPV's ONLY or "0" (zero)
65	10	Total Tax Deducted in Year (Pence)	MOA(010)5004 - SG3	M	N8, N2	Excluding VAT - TPV's ONLY or "0" (zero)

Record EYT

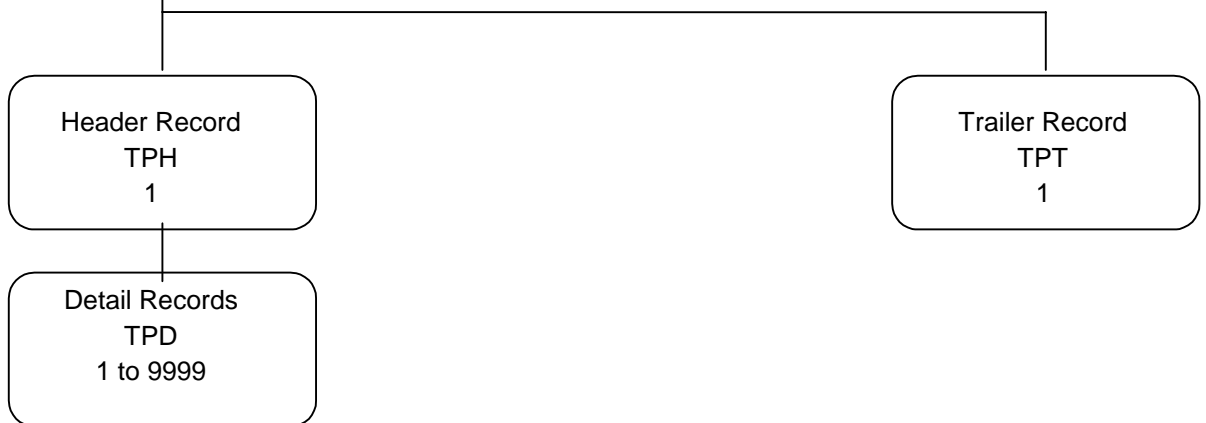
1	3	EYT		M	A	
4	12	Grand Total Payments in Year (All Voucher Types)	MOA(010)5004 - SG1	M	I	Excluding VAT (All Vouchers)
16	10	Grand Total Deducted for Materials	MOA(010)5004 - SG1	M	I	Excluding VAT (All Vouchers) or "0" (zero)
26	12	Grand Total Tax Deducted (Pence)	MOA(010)5004 - SG1	M	N	Excluding VAT (All Vouchers) or "0" (zero)
38	5	Total Number of Type "C" records	CNT(010)6066 - SG2	M	I	Max 99999
43	5	Total Number of Type "G" records	CNT(010)6066 - SG2	M	I	Max 99999
48	5	Total Number of Type "T" records	CNT(010)6066 - SG2	M	I	Max 99999
53	6	Total Number of Records (C,G & T's)	CNT(010)6066 - SUM	M	I	Max 999999

9.3. Branching Diagram

Construction Gross Payment Voucher Record



Tax Payment Voucher Record



End of Year Voucher Record



10. Appendix: Change Control Form

This can be found on the next page.

You should use this form if you wish to submit any changes or amendments to the published document for consideration. Only changes requests using this form or a copy will be considered. Please ensure that all sections of the form are completed in detail. If necessary, additional information may be attached to the form.

**Inland Revenue Electronic Filing for CIS
Information Pack**

CHANGE CONTROL FORM

NAME :

COMPANY NAME & ADDRESS :

TELEPHONE :

FAX :

EMAIL :

DETAILS OF AMENDMENT :

BUSINESS REQUIREMENT FOR AMENDMENT :

Signature :

Date :

Please return completed form direct to:

Electronic Business Unit, Inland Revenue, Crown House, Victoria Street, Shipley, West Yorkshire, BD17 7TW
Or alternatively Fax - 01274 534 514

For queries on the Change Control Form, please telephone - 0870 241 2092

EBU Use only

CCF No:

Status: