

Data validation checks for MyCSP employer HR payroll interface

Page **1** of **29**

Data validation checks for MyCSP employer HR payroll interface



Introduction.

Post Compendia, your interface files will be validated by enhanced data checks and any errors and warnings sent to you in the form of a validation error report. These checks are at 1 to 68 in the table below.

For the 2015 Scheme (from 01/04/15) the additional data checks can be found at 69 to 78 in the table below.

Due to the enhanced list of checks, you may experience an increase in rejected data.

Corrections to the data should be made in the first instance to the HR payroll system and where appropriate resubmitted to MyCSP via a subsequent HR Payroll interface. There may be instances where, due to the type of data errors and warnings received, retrospective changes on your HR payroll system cannot be made. In these instances please contact MyCSP to discuss alternative methods of correction.

MyCSP Systems Team



List of amendments in Version 2.1

Original validation check number V2.0	New validation check number V2.1	Change
Header	Header	Column titled 'Validation Outcome' - content reworded to provide a clearer outcome to validation failure
4	n/a	Removed after employer feedback
5	4	Re-written after employer feedback
8	7	Re-written after employer feedback
9	8	Additional detail provided after employer feedback
14	n/a	Removed after employer feedback
17	n/a	Removed after employer feedback
18	n/a	Removed after employer feedback
20	16	Additional detail provided after employer feedback
21	17	Additional detail provided after employer feedback
23	19	Additional detail provided after employer feedback
24	20	Re-written after employer feedback
25	21	Additional detail provided after employer feedback
26	22	Additional detail provided after employer feedback
28	n/a	Merged with new validation check number 20
33	n/a	Removed after employer feedback
37	31	Additional detail provided after employer feedback
38	32	Additional detail provided after employer feedback
41	35	Additional detail provided after employer feedback
43	37	Re-written after employer feedback
45	39	Re-written after employer feedback
46	40	Re-written after employer feedback



Original validation check number V2.0	New validation check number V2.1	Change
47	41	Re-write after employer feedback
50	44	Re-write after employer feedback
56	n/a	Merged with new validation check number 50
62	55	Additional detail provided after employer feedback
63	56	Additional detail provided after employer feedback
67	60	Re-written after employer feedback
68	61	Re-written after employer feedback
76	n/a	Removed after employer feedback

IMPORTANT NOTICE:

MyCSP has taken on-board feedback from employers and payroll providers and understands the challenges involved in incorporating the enhanced validations into their HR Payroll System.

To take account of this, **MyCSP will set the system up to issue warnings rather than rejections if the requirements are not met to begin with**. Exceptions to this will be checks for mandatory fields and codes which cannot be set as warnings and consequently, where missing, data will be rejected.

Please note that these are existing PenServer validation checks and requirements for mandatory fields and codes can be found in the Claybrook HR interface developers' guides.

Errors and warnings will be sent to you in a report so that you can work to fix them. MyCSP will continue to work with you to improve the quality of scheme member data and support you through these changes.

Please note, the validation outcomes in this document show the results of the checks once the enhanced validations are switched on.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
1	New members or re-joiner record - missing mandatory data: one or more of the following data types are missing: <i>Basic</i> , <i>Service</i> , <i>Salary</i> , <i>Address</i> , <i>Pay history</i> and (<i>Scheme contribution rate</i> <i>history - nuvos only</i>)	All	member / re-joiner is rejected if any of the data types are not present.	Ensure new member and re-joiner records contain data for the following data types: Basic Service Salary Address Pay history Scheme Contribution rate history – nuvos only
2	No <i>monthly interface update</i> for an active member.	ALL	confirmation of data accuracy.	As a minimum a Payhistory record, containing one or more of the following: WPS, Scheme Contributions, Added Years, Added Pension and nuvos Earnings must be supplied each month and data should increment for all active members. If a member is no longer active, termination action and interface end dates should be supplied to MyCSP.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
3	Temporary National Insurance number (NINO) supplied. le. starts with TN.	BASIC	All data related to a member with a temporary NINO is rejected.	Ensure information is not supplied to MyCSP where a temporary National Insurance number is held on payroll. All employee pension data should be withheld until the actual National Insurance number is held on the payroll.
4	Duplicate National Insurance number , same Altkey or missing Altkey.	BASIC	All data related to a member with a duplicate NINO and same or missing Altkey (staff payroll number) is rejected.	Ensure the correct National Insurance number is supplied for each member. In the instance of concurrent service separate staff payroll numbers (Altkeys) must be used to define the two records.
5	Missing National Insurance number.	BASIC	All the data related to the member with a missing NINO is rejected.	Ensure all records contain a National Insurance number – Mandatory field. All employee pension data should be withheld until the National Insurance number is held on the payroll.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
6	Invalid <i>National Insurance</i> <i>number</i> format.	BASIC	member with a missing NINO is rejected.	Ensure National Insurance number is in the correct format as below: Two leading alpha characters, six numbers followed by one alpha from (A, B, C or D). (AANNNNNA) Mandatory field.
7	Change(s) to a member's Basic record (Personal details 01 record for full interface) have been sent for a member who is not active.	BASIC	A warning is issued for confirmation of data accuracy.	Ensure changes to the Basic data are only supplied for active members.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
8	Unknown or missing <i>Title code.</i>	BASIC	The Basic record for the member will be rejected.	Ensure a valid title code is supplied. NOTE: All PenServer titles will be mapped over to Compendia and initially will not be rejected. Any deviation from this list may result in a rejection. A full list of acceptable titles will be released post migration to Compendia with an expectation of payrolls adhering to the list. Consideration will be given to the time required to make these changes.
9	Missing <i>Date of Birth.</i>	BASIC	The Basic record for the member will be rejected.	Ensure a date of birth is provided for every member. Mandatory field.
10	Old Date of Birth (before 1st January 1900).	BASIC	The Basic record for the member will be rejected.	Ensure date of birth is correct.
11	<i>Date of birth</i> in the future.	BASIC	The Basic record for the member will be rejected.	Ensure date of birth is correct.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
12	<i>Date of Birth</i> after Date Joined Service.	BASIC	The Basic record for the member will be rejected.	Ensure date of birth and / or date joined service are correct.
13	Missing Sex code	BASIC	The Basic record for the member will be rejected.	Ensure the sex code is present ('M' or 'F') for each member record. Mandatory field.
14	Invalid Sex Code.	BASIC	The Basic record for the member will be rejected.	Ensure a correct sex designation code ('M' or 'F') is supplied for each member record. Mandatory field.
15	Missing <i>Forename (NAME1).</i>	BASIC	The Basic record for the member will be rejected.	Ensure the first name is provided for all members. If a full name is not held on the payroll an initial can be supplied. – Mandatory field.
16	<i>Forename (NAME1)</i> and/or <i>NAME2</i> and / or <i>NAME3</i> contain non alpha data.	BASIC	The Basic record for the member will be rejected.	Ensure name fields do not contain invalid data. The accepted non-alpha characters are: hyphen, apostrophe and space.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
17	Suspicious <i>First Name</i> Indicates first name contains suspicious text	BASIC	member will be rejected.	Ensure name fields do not contain invalid data. Suspicious words that aren't accepted are: 'DUMMY','TEST','MEMBER','TRUSTEE','TEST MEMBER','DUMMY MEMBER'
18	Missing Surname	BASIC		Ensure surname is provided for all members – Mandatory field
19	<i>Surname</i> contains non alpha data.	BASIC	member will be rejected.	Ensure name fields do not contain invalid data. The accepted non-alpha characters are: hyphen, apostrophe and space.
20	Missing <i>Marital Status.</i>	BASIC	member will be rejected.	Ensure marital status is supplied for all members – Mandatory field. Supplying a correct marital status enables MyCSP to provide accurate member benefits, however if not known please supply as 'Unknown'. See Claybrook interface developers guide for full instructions.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
21	<i>Other Name</i> field contains non alpha data. (Normally used for supplying maiden name).	BASIC	member will be rejected.	Ensure name fields do not contain invalid data. The accepted non-alpha characters are: hyphen, apostrophe and space.
22	Suspicious Other Name 'Indicates 'Other' Name contains suspicious text. (Normally used for supplying maiden name).	BASIC	member will be rejected.	Ensure name fields do not contain invalid data. Suspicious words that aren't accepted are: 'DUMMY','TEST','MEMBER','TRUSTEE','TEST MEMBER','DUMMY MEMBER'
23	Missing Date Marriage Ceased for divorced / widowed member.	BASIC	member will be rejected.	Ensure date marriage ceased information is supplied when amendment to marital status equals 'Divorced or Widowed'.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
24	Incorrect <i>bank account and sort code</i> format.	BASIC	member will be rejected.	Ensure bank details supplied in correct format: Sort Code = 6 digits Account number = 8 digits Where building society account details are provided the Roll Number must also be supplied. Bank accounts are only required for leavers.
25	Missing Employer Code .	BASIC	The Basic record for the member will be rejected.	Ensure Employer code is supplied for all members. (For full interface this is the Pers_Dept_Code).
26	<i>Date Joined Company</i> before age 16.	BASIC / SERVICE		Ensure Date of Birth and Date Joined Company fields are correct.
27	Date of Birth after Date Joined Scheme.	BASIC / SERVICE		Ensure Date of Birth and Date Joined Scheme fields are correct.
28	Date Joined Scheme before Date Joined Civil Service.	BASIC / SERVICE		Ensure Date Joined Scheme is the same or later date to the Date Joined Civil Service.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
29	Old Date Joined Scheme (before 2nd January 1900).	BASIC / SERVICE	The Basic record for the member will be rejected.	Ensure Date Joined Service is correct for all members.
30	Missing Address Line 1.	ADDRESS	The Address record for the member will be rejected.	Where an address is supplied, ensure data is present in Address line 1. Mandatory Field.
31	Suspicious <i>Address Line 1.</i> 'Indicates addresses that contain suspicious text.	ADDRESS	member will be rejected.	Ensure Address details do not contain invalid data. Suspicious words that aren't accepted are: 'MEMBER, TEST, DUMMY, DEMO, FILLER, DEFAULT, SYSTEM, ADDRESS
32	Unknown Address code.	ADDRESS	The Address record for the member will be rejected.	Ensure Address codes of "HM" or "OF" are used in respect of members Home and Office address. – Mandatory field. (For the full interface this is derived based on where the data is entered on the 01 record – see Full Interface developer's guide).



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
33	Invalid or missing Post Code .	ADDRESS		Ensure where a UK address is being interfaced, post code is present and in the correct format.
34	Possible Post Code found in address line 1, 2, 3, 4 or 5.	ADDRESS	The Address record for the member will be rejected.	Ensure post code is supplied in the PSTCDE field only.
35	No member home or office <i>address</i> present.	ADDRESS		Ensure either an Office or Home address (or both) is supplied for all members. Employers with address security concerns, please contact MyCSP for further information.
36	Incorrect Email address format.	ADDRESS	The data related to the member is rejected.	Ensure email addresses are in a valid format.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
37	Dated entries in the latest interface are more than 30 days beyond the payroll interface month end date.	SERVICE SALARY PART TIME HOURS ALLOWANCE	months end date will be rejected.	Future dated entries more than 30 days post the pay period end date of the interface supplied are not allowed. For leaver notification dates, please supply within the 30 days tolerance. For all other events, please supply dated data entries when the event has occurred.
38	Dated entries fall outside a valid service period as indicated in the Service History.	SALARY PART TIME HOURS ALLOWANCE		Ensure all dated entries are within the member's period of service.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
39	Duplicate <i>dated entries</i> with identical <i>start date</i> and <i>key</i> <i>mandatory fields</i> received in same interface file.		Data containing duplicate dated entries with identical start date and key mandatory fields received in same interface file will all be rejected on a member by member basis.	Bonus and allowance rates with the same effective start date for the same element (code) must be rolled up and supplied as one amount. Providing multiple occurrences with the same start date and code in the same interface will result in the data being rejected. Salary, Service, Part time hours, WPS rate, Scheme Contribution rate and Short Time hours may have multiple in-month entries but all records must have unique start dates. Duplicated start dates in the same interface will result in the data being rejected. Payhistory (03 record for the full interface) must only ever have one record per scheme year and the start date must be 01.04.yyyy.
40	<i>Salary and / or allowance rates</i> outside tolerance levels.		A warning is issued for confirmation of data accuracy.	Checks will be made to ensure Salary and Allowance increases / decreases are in tolerance with previously supplied records. Ensure correct Salary and Allowance records are supplied.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
41	Bonus figure with same effective date and bonus code lower than previously supplied amount.	BONUS	confirmation of data accuracy.	Where a bonus payment is supplied with the same effective date and bonus code as one previously provided, the correct full amount due to the member must be supplied rather than the increased/reduced amount. To completely remove a previously reported bonus, please supply a deletion record. Ensure negative values are not supplied.
42	Overlapping allowance data.	ALLOWANCE		Ensure allowances with the same allowance code are ended on a date prior to the next start date.
43	Missing Allowance Rate.	ALLOWANCE		Ensure allowance amount is supplied. Blank entries are not valid.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
44	Missing record end dates for leaver.		requesting missing end dates	Ensure end dates are provided for all applicable data types where a leaver end date is provided in the service history.
45	Invalid or missing <i>Status Code</i> in Service record		member will be rejected.	Ensure only valid status codes are used. Codes are documented in the Claybrook developer's guides – Mandatory field. Such codes are essential to the validation of other data. This may have a critical impact on executing the 2015 reform programme.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
46	Invalid or missing Scheme Category code in Service record.	SERVICE	member will be rejected.	Ensure only valid scheme category codes are used. Codes are documented in the Claybrook developer's guides. Mandatory field.
47	Invalid or missing Scheme code in Service record.	SERVICE	member will be rejected.	Ensure only valid scheme codes are used. For PCSPS use PCS. By Analogy schemes may use other codes. Please contact your MyCSP Systems team for assistance. Mandatory field.
48	Service End date present but missing Service End Reason .	SERVICE		Ensure a Service End Reason is supplied when a Service End Date is supplied.
49	<i>Service Records</i> supplied with start date dated prior to 2007.	SERVICE		Ensure service records relating to pre 2007 are not supplied in the interface files. If such records need to be interfaced, please contact your MyCSP Systems team for advice.
50	Interface Service End Reason supplied but no termination documents supplied to MyCSP.	SERVICE	5	Ensure termination notification documents are sent to MyCSP when end date and leaver reason is supplied on the HR Payroll interface.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
51	<i>Last Day of Service</i> date amended.		•	Confirmation required to validate change where Last Day Of Service date has been amended.
52	Overlapping Salary History.	SALARY	•	Ensure salary entries are ended on a date prior to the next salary start date.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action /	/ Require	ment		
53	WPS, Scheme Contributions, Earnings missing or mismatch with Scheme Category.	PAYHIST SERVICE	member will be rejected.	Ensure the correct contributions (conts) and/or earnings are supplied according to the member's scheme category (as per the table below).				
				Scheme	WPS Conts	Earnings	Scheme Conts	Emplo yer conts
				classic	YES	NO	YES (since 01.04.12 for Additiona I conts only)	NO
				classic plus	YES (for Classic period of Service only)	NO	YES (for Premium period of service only)	NO
				nuvos	NO	YES	YES	NO
				premium	NO	NO	YES	NO
				partnership	NO	NO	NO	YES
				2015 Scheme	NO	YES	YES	NO



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
54	Incorrect Pay History start date.			Ensure Payhistory entry start date is 01/04/yyyy for all employees and not the actual service start date. Mandatory field.
55	Updates or deletions provided relating to a year that has previously been closed by a Pay history Year End record.		member will be rejected.	Until the new 2015 scheme is introduced on 01.04.2015, amendments in the Payhistory (full interface 03 record) must be supplied in the current year i.e. when paid not when earned. When the 2015 scheme is introduced on 01.04.2015 amendments in the Payhistory (full interface 03 record) must be allocated to the year earned and not paid.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
56	Added Pension Member Only record provided but member not in nuvos scheme or 2015 Scheme.	PAYHIST	member will be rejected.	Ensure periodical contributions submitted in the APAVC(M) field are only for nuvos and 2015 members choosing 'Added Pension for member only'. NOTE: classic, classic plus and premium members are not entitled to purchase Added Pension for member only. For classic, classic plus, premium and nuvos members paying for 'Added Pension for member and spouse' periodical contribution details should be supplied using the APAVC field.
57	Missing Contracted-out Earnings for Contracted-out member (National Insurance category D).	PAYHIST		Contracted Out Earnings must be supplied for all scheme members paying category D National Insurance.
58	Unknown National Insurance contribution letter.	PAYHIST		Ensure only a valid HMRC National Insurance category is provided.
59	<i>Part Time Hours</i> less than or equal to 0.	PART TIME HOURS		Ensure correct contracted part time hours are populated for part time employees.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
60	Full Time hours provided but no Part Time Hours.	PART TIME HOURS	The Part time Hours record for the member will be rejected.	For PART TIME staff please ensure that both the part time AND full time hours fields are populated on the interface. Mandatory fields when a part time hours record is supplied.
61	Part Time hours provided but no <i>Full Time Hours.</i>	PART TIME HOURS	The Part time Hours record for the member will be rejected.	For PART TIME staff please ensure that both the part time AND full time hours fields are populated on the interface. Mandatory fields when a part time hours record is supplied.
62	<i>Part Time Hours</i> greater than Full Time Hours.	PART TIME HOURS	The Part time Hours record for the member will be rejected.	Ensure part time hours do not exceed full time hours.
63	<i>Part Time Hours Start Date</i> greater than End Date.	PART TIME HOURS	The Part time Hours record for the member will be rejected.	Ensure periods of part time do not overlap.
64	Part Time Hours with missing Start Date.	PART TIME HOURS	The Part time Hours record for the member will be rejected.	Ensure start date supplied for all part time hours records.
65	<i>Part Time Hours</i> greater than 100.	PART TIME HOURS	The Part time Hours record for the member will be rejected.	Ensure correct contracted hours are populated for part time members.

Version 2.1 Unclassified



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
66	<i>Full Time Hours</i> less than or equal to 0.	PART TIME HOURS	for the member will be	Ensure correct Full Time contracted hours are supplied.
67	<i>Full Time Hours</i> greater than 100.	PART TIME HOURS	for the member will be	Ensure correct Full Time contracted hours are supplied.
68	Short Time Hours record(s) fall outside a valid part-time hours service period.	SHORT TIME HOURS (STHRS)	for the member will be	Ensure short time hours are only reported for periods of part time service and only for hours worked up to the daily conditioned hours for a full time employee.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement	
69	<i>New joiners</i> post 31/03/15 should be enrolled in the 2015 scheme.	SERVICE	All the data related to the new member will be rejected if enrolled in the wrong scheme.	Ensure that the employee has been enrolled in correct pension scheme, using the 2015 joiner process. You may need to collect information from the employee regarding their previous public and civil service pension scheme membership and make this available to MyCSP.	
70	Check previous <i>opt out</i> status is greater than 12 months.	SERVICE	All the data related to the Opt in change will be rejected.	Ensure that the employee is eligible to opt in to the 2015 Scheme.	
71	Service history scheme , category and start reason for transition members.	SERVICE	The Service record for the member will be rejected.	Ensure that the start reason of "Transition" is only used when moving employees across from PCSPS into the 2015 scheme.	
72	EPA contributions are valid.	PAYHIST	The Payhistory record for the member will be rejected.	Ensure that your payroll deductions system hold the correct amount of monthly EPA contribution and are accurately provided on the payroll interface.	

The following validations have been added under the 2015 Scheme.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
73	<i>EPA data</i> provided for PCSPS member.	PAYHIST	The Payhistory record for the member will be rejected.	Ensure that only members of the 2015 scheme are contributing to an EPA.
74	<i>Member</i> may be in the fully protected group.	SERVICE	All the data related to the ineligible member will be rejected.	Ensure that only eligible employees are enrolled in the 2015 scheme.
75	 Tapered enrolment <i>member</i> is enrolled correctly: Not early Not late On correct date 	SERVICE	All the data related to the tapered enrolment member will be rejected if the member is moved to the 2015 scheme at the wrong time.	Ensure that members are moved into the 2015 scheme at the correct time.
76	Day 1 <i>member</i> is enrolled correctly: Not early Not late On correct date	SERVICE	All the data related to the Day 1 member will be rejected if the member is moved to the 2015 scheme at the wrong time.	Ensure that members are moved into the 2015 scheme at the correct time.



Validation Check Number	Validation Check	Data Type	Validation Outcome	Your Action / Requirement
77	Prison officer with reserved rights changes role to non-reserved rights post 31/03/15.	SERVICE	A warning is issued for confirmation of data accuracy.	Ensure all employees are enrolled in the correct scheme. If an employee changes job, this right may be lost – and you will need to re-assess the employee to make sure they are in the correct pension scheme.
78	2015 <i>added pension</i> should only be present for members of the 2015 Scheme.	PAYHIST	The Payhistory record for the member will be rejected.	Ensure that you only provide 2015 scheme added pension information for a member of the 2015 scheme and the correct codes are used for member only and member and spouse.