



pears.ValidateNINumber



Generated schema reference. Regenerate this page from the SQL unload; keep hand-maintained business notes in the narrative namespace.

Original SQL

```
CREATE FUNCTION "pears"."ValidateNINumber"( IN @NI CHAR(10) )
RETURNS CHAR(250)
BEGIN
    // based ON IR Quality Standard Validation Specification FROM April 2005
    Version 2.0
    // Sep 2020 HMRC Rules advice
    // The characters D, F, I, Q, U, AND V are NOT used AS either the FIRST
    OR SECOND letter OF a NINO prefix.
    // The letter O IS NOT used AS the SECOND letter OF a prefix.
    // Prefixes BG, GB, KN, NK, NT, TN AND ZZ are NOT TO be used
    DECLARE "ResultMessage" CHAR(250);
    SET "ResultMessage" = '';
    IF @NI IS NULL THEN RETURN NULL
    END IF;
    IF "length"(@NI) <> 9 THEN SET "ResultMessage" = "ResultMessage" + 'NI
    number is not 9 characters long. '
    END IF;
    IF "left"(@NI,2) NOT IN(
    'AA','AB','AE','AG','AH','AK','AL','AM','AP','AR','AS','AT','AW','AX','AY','
    AZ','BA','BB','BE','BH','BK','BL','BM','BT','CA','CB','CE','CH','CK','CL','C
    R','EA','EB','EE','EH','EK','EL','EM','EP','ER','ES','ET','EW','EX','EY','EZ
    ','GY','HA','HB','HE','HH','HK','HL','HN','HM','HP','HR','HS','HT','HW','HX'
    ','HY','HZ','JA','JB','JC','JE','JG','JH','JJ','JK','JL','JM','JN','JP','JR'
    ','JS','JT','JW','JX','JY','JZ','KA','KB','KC','KE','KH','KK','KL','KM','KP','
    KR','KS','KT','KW','KX','KY','KZ','LA','LB','LE','LH','LK','LL','LM','LP','L
    R','LS','LT','LW','LX','LY','LZ','MA','MW','MX','NA','NB','NE','NH','NJ','NL
    ','NM','NP','NR','NS','NW','NX','NY','NZ','OA','OB','OE','OH','OK','OL','OM'
    ','OP','OR','OS','OX','PA','PB','PC','PE','PG','PH','PJ','PK','PW','PX','PY'
    ','PL','PM','PN','PP','PR','PS','PT','RA','RB','RE','RH','RK','RM','RP','RR','
    RS','RT','RW','RX','RY','RZ','SA','SB','SC','SE','SM','SN','SW','SG','SH','S
    J','SK','SL','SP','SR','SS','ST','SX','SY','SZ','TA','TB','TE','TH','TJ','TK
    ','TL','TM','TP','TR','TS','TT','TW','TX','TY','TZ','WA','WB','WE','WG','WK'
    ','WL','WM','WP','YA','YB','YE','YH','YK','YL','YM','YP','YR','YS','YT','YW'
    ','YX','YY','YZ','ZA','ZB','ZE','ZH','ZK','ZL','ZM','ZP','ZR','ZS','ZT','ZW','
    ZX','ZY' ) THEN
```



```
SET "ResultMessage" = "ResultMessage" + 'NI 2 character prefix used is not
a valid prefix. '
END IF;
IF "left"(@NI,2) = 'TN' THEN
SET "ResultMessage" = "ResultMessage" + 'Temporary NI numbers are no
longer valid, date of birth and gender should be completed instead. '
END IF;
IF "substr"(@NI,3,6) NOT LIKE '[0-9][0-9][0-9][0-9][0-9][0-9]' THEN
SET "ResultMessage" = "ResultMessage" + 'Characters 3-8 of the NI number
must be numeric. '
END IF;
IF "substr"(@NI,9,1) NOT LIKE '[A-D ]' THEN
SET "ResultMessage" = "ResultMessage" + 'The last character of the NI
number must be A,B,C,D or a space. '
END IF;
IF "ResultMessage" = '' THEN SET "ResultMessage" = NULL
END IF;
RETURN "trim"("ResultMessage")
END
```

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