CusMod Tariff and Concession Data Files

These files contain CusMod Tariff and Concession data files. They are made available expressly for use by software developers for incorporation in Customs software packages. The files are updated nightly - the time_stamp.txt file shows when the update was made.

Tariff Files

The Tariff zip file contains of four .csv files:- Tariff Details, Tariff Rates, Tariff Levies and Tariff Levy Formulas and the time stamp txt file.

The Tariff Details, Tariff Rates, Tariff Levies are linked by the tariff item levels 1 - 5.

The Tariff Details file provides information relating to the tariff item itself giving start and end date, description, check letter and any statistical or supplementary units required. The remaining fields can pretty much be ignored.

The Tariff Rates file contains the tariff item, rate group (NML, LDC etc) the start and end date for each rate and the formula and factors used to calculate the duty. The formulas are described at the end of this document. Some of these look quite daunting but in fact only 1 - 5 are currently in use.

The Tariff Levies file is similar to the Tariff Rates file but relates to levies (ALAC, HERA) etc. The rate corresponding to the levy formula is contained in the Tariff Levy Formulas .csv file.

If for example you take tariff item 2710191111F - the following rows give you a historical record of the tariff item, its duty rate and levies. The current records applicable are highlighted. From these you can tell the duty rate is 0.425240 and using formula 4 it is calculated as Factor-A * QTY. The levy is AC (ACC Levy) and is Formula 57 or 0.0733

Tic Tariff Level 1~Tic Tariff Level 2~Tic Tariff Level 3~Tic Tariff Level 4~Tic Tariff Level 5~Tic Tariff Letter~Tic Tariff Section~Tic Statistical Unit~Tic Supplementary Unit~Tic Alternate Tariff Item~Tic Alternate Ind~Tic Gst Exempt Ind~Tic Start Date~Tic Expiry Date~Tic Tariff Description

27~10~19~11~11~F~5~LTR~~~~N~2001-11-10 02:44 PM~2003-07-01 12:00 AM~MOTOR SPIRIT IN BULK ETC, WITH RON LESS THAN 92
27~10~19~11~11~F~5~LTR~~~~N~2003-07-01 12:00 AM~2004-12-08 11:59 PM~MOTOR SPIRIT IN BULK ETC, WITH RON LESS THAN 92
27~10~19~11~11~F~5~LTR~~~~N~2004-12-09 12:00 AM~2004-12-09 11:59 PM~MOTOR SPIRIT IN BULK ETC, WITH RON LESS THAN 92
27~10~19~11~11~F~5~LTR~~~~N~2004-12-10 12:00 AM~2005-03-31 11:59 PM~MOTOR SPIRIT IN BULK ETC, WITH RON LESS THAN 92
27~10~19~11~11~F~5~LTR~~~~N~2005-04-01 12:00 AM~2005-06-30 11:59 PM~MOTOR SPIRIT IN BULK ETC, WITH RON LESS THAN 92
27~10~19~11~11~F~5~LTR~~~~N~2005-07-01 12:00 AM~2006-03-31 11:59 PM~MOTOR SPIRIT IN BULK ETC, WITH RON LESS THAN 92
27~10~19~11~11~F~5~LTR~~~~N~2006-04-01 12:00 AM~3000-12-31 12:00 AM~MOTOR SPIRIT IN BULK ETC, WITH RON LESS THAN 92

Tdrc Tariff Level 1~Tdrc Tariff Level 2~Tdrc Tariff Level 3~Tdrc Tariff Level 4~Tdrc Tariff Level 5~Tdrc Rate Group~Tdrc Start Date~Tdrc Expiry Date~Tdrc Excise Factor~Tdrc Rate Formula~Tdrc Factor A~Tdrc Factor B~Tdrc Factor C~Tdrc Factor D~Tdrc Factor E~Tdrc Factor F
27~10~19~11~11~NML~2001-11-10 02:44 PM~2002-02-28 11:59 PM~~4~0.343000~~~~~
27~10~19~11~11~NML~2002-03-01 12:00 AM~2003-06-30 11:59 PM~~4~0.385000~~~~~

27~10~19~11~11~NML~2003-07-01 12:00 AM~2005-03-31 11:59 PM~~4~0.362000~~~~~
27~10~19~11~11~NML~2005-04-01 12:00 AM~2006-03-31 11:59 PM~~4~0.412000~~~~~
27~10~19~11~11~NML~2006-04-01 12:00 AM~2007-03-31 11:59 PM~~4~0.419080~~~~~
27~10~19~11~11~NML~2007-04-01 12:00 AM~3000-12-31 12:00 AM~~4~0.425240~~~~~

Tlrc Tariff Level 1~Tlrc Tariff Level 2~Tlrc Tariff Level 3~Tlrc Tariff Level 4~Tlrc Tariff Level 5~Tlrc Levy Type Code~Tlrc Levy Formula Code~Tlrc Start Date~Tlrc Expiry Date
27~10~19~11~11~AC~41~2004-12-09 12:00 AM~2004-12-09 11:59 PM
27~10~19~11~11~AC~41~2004-12-10 12:00 AM~2005-03-31 11:59 PM
27~10~19~11~11~AC~41~2005-04-01 12:00 AM~2005-06-30 11:59 PM
27~10~19~11~11~AC~52~2005-07-01 12:00 AM~2006-03-31 11:59 PM
27~10~19~11~11~AC~52~2006-04-01 12:00 AM~2007-06-30 11:59 PM
27~10~19~11~11~AC~57~2007-07-01 12:00 AM~3000-12-31 12:00 AM

Concession Files

The Concession zip file contains of three .csv files:- Concession Details, Concession Rates, Concession to Tariff and the time stamp txt file.

The concession files follow the same lines as the Tariff files above. Each file is linked by the concession code. The details and rates file follow the same basic principals of the tariff files. The concession to tariff file shows the tariff items that the concession applies to. Where you see ** in the concession to tariff file, this denotes that the concession applies to this whole tariff level e.g. 23 04 ** ** ** means that the concession applies to all tariff heading 2304.

For further enquires please contact carl.hagedorn@customs.govt.nz or ross.baird@customs.govt.nz

Tariff Formulas

Formula 01

Duty Payable = Free

Formula 02

Duty Payable = Manual calculation required

Formula 03

Duty Payable = Factor-A * (VFD / 100)

Formula 04

Duty Payable = Factor-A * QTY

Formula 05

Duty Payable = (Factor-A * (VFD / 100)) + (Factor-B * QTY)

Formula 06

Duty Payable = (Factor-A * QTY) - (Factor-B * (VFD / 100))

Formula 07

Amount-1 = Factor-A * (VFD / 100)
Amount-2 = Factor-B * (((Factor-C * QTY) - CIF) / 100)

Duty Payable = Use the highest value of Amount-1 or Amount-2

Formula 08

Amount-1 = (Factor-D * QTY) - CIF

Calculation 1

If Amount-1 is not greater than zero, use Formula 03.

Calculation 2

Amount-2 = Factor-C * QTY
Amount-3 = Factor-B * Amount-1

If Amount-2 is NOT greater than Amount-3 go to Calculation 3

Duty Payable = (Factor-A + 1) * (VFD / 100)

Calculation 3

Amount-4 = (Factor-B * Amount-1) / (Factor-C * QTY)

Round Amount-4 up or down to nearest whole value.

Duty Payable = (Factor-A * (VFD / 100)) +
(Amount-4 * (VFD / 100))

Formula 09

Amount-1 = (Factor-B * QTY) - CIF

Calculation 1

If Amount-1 is not greater than zero, use Formula 03.

Calculation 2

Duty Payable = Amount-1 + (Factor-A * (VFD / 100))

Formula 10

Amount-1 = Factor-C * QTY

If CIF is greater than Amount-1 go to Calculation 2

Calculation 1

Duty Payable = (Factor-B * (VFD / 100)) +
(Factor-A * QTY) +
(Amount-1 - CIF)

Calculation 2

Factor-E = (0.5 * (CIF - Amount-1)) / QTY
Factor-F = Factor-A - Factor-D

If Factor-E is greater than Factor-F, go to Calculation 3

Duty Payable = (Factor-B * (VFD / 100)) +
(Factor-A * QTY) -
(Factor-E * QTY)

Calculation 3

Duty Payable = (Factor-B * (VFD / 100)) +(Factor-D * QTY)

Formula 11

Amount-1 = (Factor-C * QTY) - CIF

Calculation 1

If Amount-1 is less than zero go to Calculation 2.

Duty Payable = (Factor-A * (VFD / 100)) +
(Factor-B * QTY) +
((Factor-C * QTY) - CIF))

Calculation 2

Duty Payable = Error
Invoke Business Rule 270
(i.e. "Incorrect Tariff Item for Threshold Rate Claimed").

Formula 12

Duty Payable = (Factor-A * QTY) +
(Factor-B * (VFD / 100)) +
(Factor-C * (((Factor-A * QTY) +
(Factor-B * (VFD / 100)) + VFD) / 100))

Formula 13

Duty Payable = (Factor-A * QTY) +
(Factor-B * ((Factor-A * QTY) + VFD) / 100))