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01-22-N11B-5479

November 2, 1993

ORIGINAL

National Highway Traffic Safety Admin.
ATTN: VIN Coordinator, NRM-15, Rm 5307A
400 7th Street, S.W.
Washington, D.C. 20590

3pp

Dear Sir or Madam,

This letter is to comply with 49 CFR Part 565, describing the codes contained in the VIN scheme.

The VIN scheme I will be describing is for a Transadyne Roller Brake Dyno/Utility Trailer. There are 4 sections broken out in detail below.

We previously obtained our World Manufacturer Identifier (WMI). The first 3 digits of the VIN, or the 1st section, are 1 H 9 with the 12th, 13th and 14th characters of the WMI Code being 2 4 2.

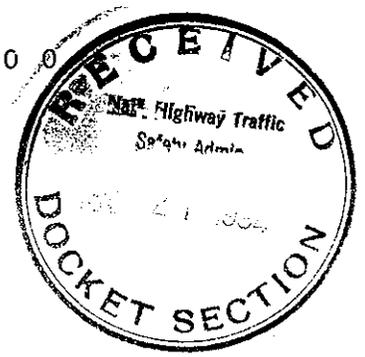
The second section, positions 4 through 8, contains the vehicle attributes. The 4th position is the type of trailer. At this point we will only have one type of trailer, Brake Dyno Trailer = "1". The 5th position will be Unused = "0". The 6th and 7th positions are the length of the trailer = "20". The 8th position is the number of axles = "1".

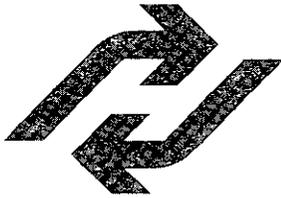
The third section contains just one position. The 9th position is the check digit calculation. Attached is a copy of the Check Digit Calculation Worksheet which shows when you sum the products you total 286. Divide 286 by 11 and you get 26.00. Thus the check digit is "0".

The 4th section contains positions 10 through 17. Position 10 is the model year, which is 1993 = "P". The 11th position is the plant location which is Des Moines, IA = "D". Positions 12 - 14 are listed above as part of the WMI Code. 12 = "2", 13 = "4" and 14 = "2". The 15th through the 17th positions are the production sequence. We will begin with "1 0 0".

The entire VIN # is 1 H 9 1 0 2 0 1 0 P D 2 4 2 1 0 0

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HICKLIN

I trust this is all the information needed to fulfill the requirements described in 40 CFR Part 565. Should you need more information, please feel free to call me anytime.

Sincerely,

A handwritten signature in cursive script, appearing to read "Loree Veith". The signature is written in black ink and is positioned above the typed name.

Loree Veith
Administrative Assistant

WORKSHEET: CHECK DIGIT CALCULATION

CHARACTER POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
ACTUAL V.I.N.	1	H	9	1	0	2	0	1		P	D	2	4	2	1	0	0
CONVERTED VALUES	1	8	9	1	0	2	0	1		7	4	2	4	2	1	0	0
MULTIPLIER	8	7	6	5	4	3	2	10		9	8	7	6	5	4	3	2
PRODUCT (VALUES X MULTIPLIER)	8	56	54	5	0	6	0	10		63	32	14	24	10	4	0	0
																	284

SUM OF PRODUCTS

0 = Unused *↑ D = Des Moines, Iowa*
"4" 1 = Brake Dyno Trailer **CHECK DIGIT**

CONVERSION TABLE LETTERS TO NUMBERS

A = 1	N = 5
B = 2	P = 7
C = 3	R = 9
D = 4	S = 2
E = 5	T = 3
F = 6	U = 4
G = 7	V = 5
H = 8	W = 6
J = 1	X = 7
K = 2	Y = 8
L = 3	Z = 9
M = 4	

SUM OF PRODUCTS (FROM ABOVE)	DIVIDED BY	EQUALS	
		WHOLE NUMBER	+ DECIMAL
	11		
EXAMPLE			
247	11	22	.4545
<p>BECAUSE THE DECIMAL IS .45, YOU SHOULD CHOOSE THE CHECK DIGIT AS 5, AS SHOWN IN THE CHECK DIGIT TABLE.</p>			

IF THE DECIMAL IS	THE CHECK DIGIT IS
.09	1
.18	2
.27	3
.36	4
.45	5
.54	6
.63	7
.72	8
.81	9
.90	X
.00	0

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