

01-022-N11B-8396

Coastal Metal Fab, Inc.  
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**ORIGINAL**

April 23, 2001

Zpp

Administrator  
 National Highway Traffic Safety Administration (NSA-32)  
 400 Seventh St., SW  
 Washington, DC 20550  
 Attn: VIN Coordinator

Subject: VIN Decoding Information for Coastal Metal Fab, Inc.

In accordance with § 565.70 of 49 CFR Part 565, Vehicle Identification Number, Coastal Metal Fab, Inc. hereby submits Vehicle Identification Number (VIN) decoding information.

VIN Position	Description	Codes
1, 2, & 3	WMI	1C9
4	Trailer Type	D = Dump trailer L = Landscape trailer F = Flatbed trailer S = Specialty trailer, eg canoe carrier C = Cargo trailer
5	Body type	D = Dump body U = Open utility body E = Enclosed body
6 & 7	Length of trailer (rounded to nearest foot)	08 = 8 feet long 10 = 10 feet long etc
8	Number of axles	1 = 1 axle 2 = 2 axles 3 = 3 axles
9	Check Digit	Calculated - see 49 CFR 565.4
10	Model year	1 = 2001 2 = 2002
11	Plant location	T = Topsham, Maine
12, 13, & 14	WMI	821
15, 16, & 17	Sequential production number	001 002

0001

Coastal Metal Fab  
VIN Calculation  
Worksheet

### CHECK DIGIT CALCULATIONS WORKSHEET

COASTAL METAL FAB  
120 OLD LISBON RD.  
TOPSHAM, ME. 04086  
PH: 207-729-5101 FX: 207-729-8782

←←← CHECK DIGIT

CHARACTER -

ACTUAL VIN -  
CONVERTED VALUES  
FROM TABLE III -  
MULTIPLIER (x)  
PRODUCT -

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	C	9	T	D	1	0	2	8	1	T	8	2	1	0	0	1
1	3	9	4	4	1	0	2		1	3	8	2	1	0	0	1
8	7	6	5	4	3	2	10	9	8	7	6	5	4	3	2	
8	21	54	20	16	3	0	20	0	9	24	56	12	5	0	0	2

= sum of products 250

$$\frac{250}{11} = 22.73$$

$$22 \frac{8}{11}$$

sum of products  
divided by 11 = 33 plus 7/11ths

your answer will be a different value than this sample

TABLE III ALPHABETIC TO NUMERIC CONVERSION VALUES

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

IF WHOLE NUMBER AND FRACTION IS: 33 7/11

THE CHECK DIGIT IS "7"

IF A CALCULATOR IS USED THE CHECK DIGIT FOR THE DECIMAL REMAINDER IS:

- .09 = 1
- .18 = 2
- .27 = 3
- .36 = 4
- .45 = 5
- .54 = 6
- .63 = 7
- .72 = 8
- .81 = 9
- .90 = X
- .00 = 0

**EXAMPLE:** SAE assigned a \_\_\_ digit World Manufacturing Identifier (WMI) \_\_\_\_\_ to a trailer manufacturer. (\_\_\_\_\_ goes in columns 1-3, and \_\_\_\_\_ goes in columns 12-14). \_\_\_\_\_ has elected to code body type in column \_\_\_\_\_. Series/frame in column \_\_\_\_\_. Length in columns \_\_\_\_\_. Axles in column \_\_\_\_\_.

The characters utilized and their placements are determined by the manufacturer, but must include the required attributes for vehicle type (i.e. type trailer, type = school bus, type = motorcycle, etc.) as referred to in 49 CFR 571.4, *Definitions*. VIN information is found in 49 CFR 565, *VIN Identification*.