B 1/8/86 pdy

MORSE BROS.

Industrial Fabrication and Construction Group

ORIGINAL

September 6, 1985

01-22-N11B- 2154

NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
400 Seventh Street S.W.
Washington, D.C. 20590

Attn: VIN Coordinator

Gentlemen:

We submit herewith our "unique identifier" as it applies to vehicles we will now begin manufacturing in this location. Included is a reproduction of the identification plate which will be permanently affixed to our trailer chassis.

We understand that this submission conforms to the requirements of Federal Safety Standard MVSS 115 and that no further action is required of us to be allowed to manufacture and identify our vehicles 60 days from this date.

Yours truly,

Dana R. Lee
MOEX Division Manager

MORSE BROS., INC.

Enclosures

DRL:jm

Vehicle Identification Number (VIN)

Each trailer shall bear a name plate as shown in Example A which shall be attached to the trailer chassis within six feet of the front of the main frame on the "left side" (facing the forward travel position).

The name plate shall contain the vehicle identification number in accordance with Federal Safety Standard MVSS 115. The VIN shall be structured according to the following formulae:

First Section, positions 1-3:

The manufacturer's identifier was assigned by SAE - "1 M 9".

Second Section, positions 4-8:

The unique vehicle attributes are structured in conformity to MVSS 115, Table I. "Type of Vehicle and Information Decipherable" as type of trailer, series, body type, length, and axle configuration, and shall conform to Table A.

Table A

Position	Designation
4	"X" - Expandable Structure "N" - Nonexpandable Structure
5	"2" - Series having both sides expandable "1" - Series having one side expandable "L" - Series having left side expandable "R" - Series having right side expandable "X" - Series having neither side expandable
6-7	Trailer overall length in feet, eg., 20, 25, 29, 40, 45, 48, 49
8	Number of axles, 1 or 2

The second and third sections shall be separated by the check digit which appears in position 9 and which is calculated according to MVSS 115, sections 5.2.1-5.2.4 (Example B).

Third Section, positions 10-17

Vehicle model year shall appear in position 10 according to Table B.

TABLE B

Year	Code
1980	A
1981	B
1982	C
1983	D
1984	E
1985	F
1986	G
1987	H
1988	J
1989	K
1990	L
1991	M
1992	N
1993	P
1994	R
1995	S
1996	T
1997	V
1998	W
1999	X
2000	Y
2001	1
2002	2
2003	3
2004	4
2005	5
2006	6
2007	7
2008	8
2009	9
2010	A
2011	B
2012	C

Plant designation where the vehicle is manufactured shall appear in position 11:

"A" designates Albany MOEX Plant,
2445 Pacific Blvd. S.E., Albany, OR 97321

Positions 12-14 were also assigned by SAE as:

"237"

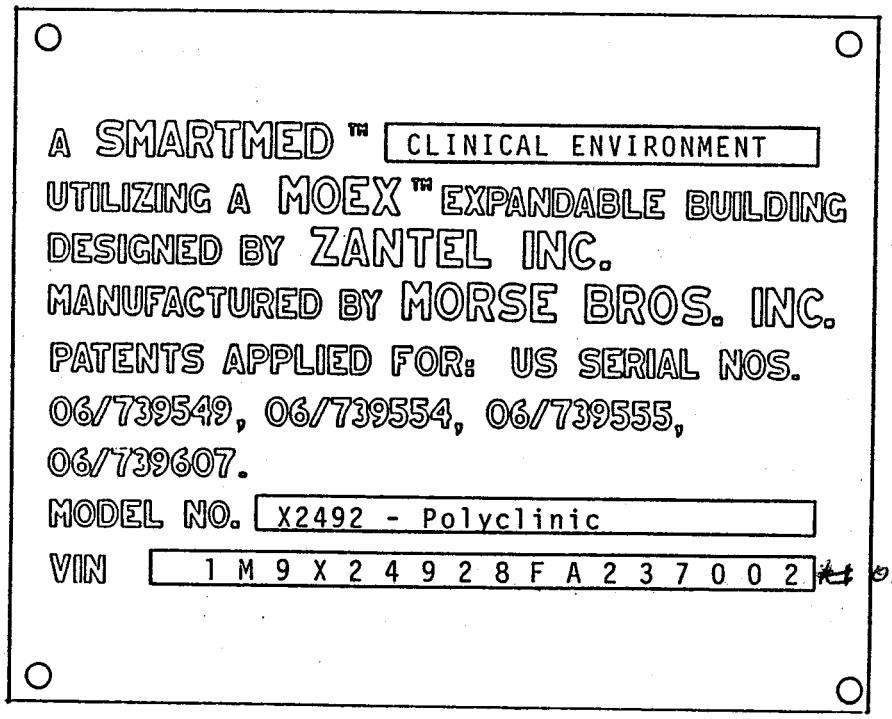
The manufacturing sequence number shall appear in positins 15-17 beginning with the first vehicle manufactured in any given year as "001" and continuing in ascending order. The completion date shall control whether a vehicle is assigned a number from the "old" year's log or from the beginning of the sequence from the "new" year's log.

The log book of sequence numbers shall be maintained in the offices of the Albany MOEX Plant and shall contain the following information:

Manufacturing sequence number
Date of completion
VIN
Original purchaser's name and address

The Traffic Manager shall be responsible for assigning the sequence number, computing the VIN, and preparing and attaching the name plate to the vehicle chassis.

Example A


A SMARTMED™ CLINICAL ENVIRONMENT
UTILIZING A MOEX™ EXPANDABLE BUILDING
DESIGNED BY ZANTEL INC.
MANUFACTURED BY MORSE BROS. INC.
PATENTS APPLIED FOR: US SERIAL NOS.
06/739549, 06/739554, 06/739555,
06/739607.
MODEL NO. X2492 - Polyclinic
VIN 1M9X24928FA237002

Example B

Assign to each number in the vehicle identification number its actual mathematical value and assign to each letter the value specified for it in Table IV.

Multiply the assigned value for each character in the vehicle identification number by the weight factor specified for it in Table V. Multiply the check digit by 0.

Add the resulting products and divide the total by 11.

The remainder is the check digit. If the remainder is 10, the check digit is X.

Example from SAE. 10th & 11th positions are reversed. Not an actual part of the submission. 1/8/86 pdy

TABLE IV

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

TABLE V

Character and Weight Factor

1st	8	10th	9
2d	7	11th	8
3rd	6	12th	7
4th	5	13th	6
5th	4	14th	5
6th	3	15th	4
7th	2	16th	3
8th	10	17th	2
Check Digit (9th)	0		

Example:

Vehicle Identification Number Character	1	G	4	A	H	5	9	H	4	5	G	1	1	8	3	4	1
Assigned Value	1	7	4	1	8	5	9	8	4	5	7	1	1	8	3	4	1
Multiply by Weight factor	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2
Add Products	8 +	49 + 24 + 5 +			32 + 15 + 18 + 80 + 0					45 + 56 + 7 +			6 +	40 + 12 + 12			+2 = 411
Divide by 11	411/11 = 37 4/11																
Check Digit	4 (compare to character in 9th position)																