

Part 565, VIN SUBMISSION

**Nor-Tech Fabrication LLC
2510 Talley Way
Kelso, WA 98625**

May 14, 2008

Administrator
U.S. DOT/NHTSA
1200 New Jersey Avenue SE W43-488
Washington, DC 20590

Subject: VIN Decoding information for Nor-Tech Fabrication LLC

In accordance with 565.7 CFR Part 565 Nor-Tech Fabrication hereby submits Vehicle Identification Number (VIN) decoding information.

**Nor-Tech Fabrication LLC
Vehicle Identification Number (VIN) Program**

1			2					3	4								
WMI CODE			DESCRIPTORS					CD			WMI CODE			SEQUENCE			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	N	9									2	8	5				

- Section 1 Nor-Tech Fabrication
 - Character 1 1 permanent WMI code
 - Character 2 N permanent WMI code
 - Character 3 9 permanent WMI code
- Section 2 Vehicle Description Section
 - Character 4 Type of Trailer
(B = Belly Dump / P = Pup / C = Carrier / T = Transfer / M = Other)
 - Character 5 Series or Body Type
(A = Aluminum / S = Steel)
 - Character 6 Length in Feet (first of two length digits)
 - Character 7 Length in Feet (second of two length digits)
 - Character 8 Number of Axles
- Section 3 Check Digit
 - Character 9 (See Check Digit Calculation Table)
- Section 4 Manufacture / Production Identifiers
 - Character 10 Model Year (See Model Year Table)
 - Character 11 Plant
(K = Kelso, WA Nor-Tech Fabrication Plant)
 - Character 12 permanent WMI code
 - Character 13 permanent WMI code
 - Character 14 permanent WMI code
 - Character 15 Sequential Production Number
 - Character 16 Sequential Production Number
 - Character 17 Sequential Production Number

1			2					3		4						
WMI CODE			DESCRIPTORS					CD					WMI CODE			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	N	9									2	8	5			
Alphabetic to Numeric Conversions																
X Multiplier (multiply each character by the multiplier below)																
8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2
Total (carry the calculation total from your multiplication down)																
Add the values from the above row to calculate your SUM																
=																
Divide the SUM by 11																
=																
Whole number portion of calculation result																
=																
Decimal portion of calculation result																
=																
Check Digit Conversion Values																
If Decimal is				Check Digit is				If Decimal is				Check Digit is				
09	=			1				54	=			6				
18	=			2				63	=			7				
27	=			3				72	=			8				
36	=			4				81	=			9				
45	=			5				90	=			X				
								00	=			0				
Alphabetic to Numeric Conversion Values																
A=1 B=2 C=3 D=4 E=5 F=6 G=7 H=8 J=1 K=2 L=3 M=4																
N=5 P=7 R=9 S=2 T=3 U=4 V=5 W=6 X=7 Y=8 Z=9																
Model Year Conversion Values																
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 2013=D 2014=E																

Example for determining numeric conversion row to calculate Check Digit:

Nor-Tech Fabrication builds a 2008 model year, aluminum, 4 axle pup trailer for a customer at it's Kelso plant location that is 58 feet in length. The VIN Characters for the first trailer produced of this type would appear as following.

- Character 1 1 Permanent WMI Code 1
- Character 2 5 Permanent WMI Code N (Numeric Conversion = 5)
- Character 3 9 Permanent WMI Code 9
- Character 4 7 Type of Trailer is P (Numeric Conversion= 7)
- Character 5 1 Series Type is A for Aluminum (Numeric Conversion = 1)
- Character 6 5 First digit of 58 foot length of trailer
- Character 7 8 Second digit of 58 foot length of trailer
- Character 8 4 Four represents the number of axles
- Character 9 Check Digit Calculation
- Character 10 8 Model Year 2008 = 8
- Character 11 2 Kelso Plant = K, Numeric conversion for K = 2
- Character 12 2 Permanent WMI Code 2
- Character 13 8 Permanent WMI Code 8
- Character 14 5 Permanent WMI Code 5
- Character 15 0 First digit of a 001 production sequence
- Character 16 0 Second digit of a 001 production sequence
- Character 17 1 Third Digit of a production sequence

1			2					3	4							
WMI CODE			DESCRIPTORS					CD			WMI CODE					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	N	9	P	A	5	8	4		8	K	2	8	5	0	0	1
Alphabetic to Numeric Conversions																
1	5	9	7	1	5	8	4	0	8	2	2	8	5	0	0	1
X Multiplier (multiply each character by the multiplier below)																
8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2
Total (carry the calculation total from your multiplication down)																
8	35	54	35	4	15	16	40	0	72	16	14	48	25	4	3	2
Add the values from the above row to calculate your SUM													= 391			
Divide the SUM by 11													35.54			
Whole number portion of calculation result													5			
Decimal portion of calculation result													54			
Check Digit Conversion .54 = 6													6			
Check Digit is 6																

Manufacturer Identification Submission

49 CFR Part 566

Nor-Tech Fabrication LLC
2510 Talley Way
Kelso, WA 98626
360-232-0144 Phone
360-232-0148 Fax

Owner of Company: Jerry Storedahl
Kimball Storedahl
Kevin Storedahl

City of Incorporation: Kelso, Washington

Product Manufactured: Nor-Tech Fabrication LLC builds trailers generally intended, but not limited to, construction applications.

GVWR The GVWR for products manufactured by Nor-Tech Fabrication LLC will range from 20,000 lbs to 80,000 lbs.

Signed:  _____

Date: 5-13-08

Kimball Storedahl
Owner Nor-Tech Fabrication LLC