

565  
B

# TRUCK EQUIPMENT TEC CORPORATION

07-22-94  
PS

# ORIGINAL

P.O. BOX 648 • 600 NORTH EAGLE ROAD • MERIDIAN, IDAHO 83680  
PHONE (208) 887-7788 • FAX (208) 887-7794

May 20, 1994

01-22-N11B-5509

Administrator  
National Highway Traffic Safety Administration  
NRM-15, RM 5320  
400 7th street S.W.  
Washington, D.C. 20590

5P.

Attn: VIN Coordinator

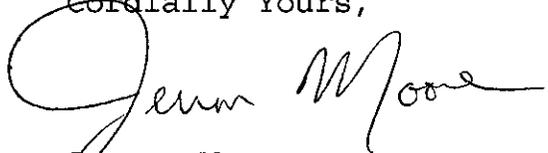
As described in 49 CFR Part 565, enclosed are the submissions required in order to be in compliance with this Federal Statute.

Enclosed are two documents which are titled "VIN Number Scheme" and "VIN Legend". The VIN Number Scheme describes how we identify the vehicles we are manufacturing. The VIN Legend describes the specifics of each character in the VIN and how it is coded.

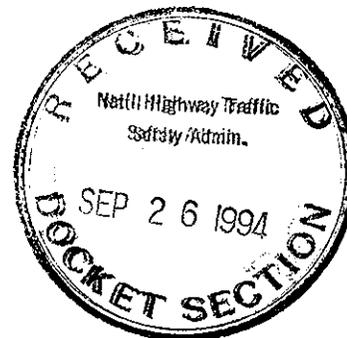
These documents should satisfy the requirements of 49CFR Part 565. If there is any other information which is needed, please contact us immediately.

Thank you in advance for you assistance with this matter.

Cordially Yours,



Jerron Moore  
President  
TEC





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Bale Wagon  
 Vehicle Identification Number Scheme

First Actual VIN - 1T9MB1689RM031116 ✓

| <u>Charactor<br/>Position</u> | <u>Charactor<br/>Type</u> | <u>Vehicle<br/>Attribute</u> |                               | <u>Actual<br/>VIW</u> |
|-------------------------------|---------------------------|------------------------------|-------------------------------|-----------------------|
| 1                             | Numeric                   | World Mfg. ID                | Assigned by SAE               | 1                     |
| 2                             | Alpha                     | World Mfg. ID                | Assigned by SAE               | T                     |
| 3                             | Numeric                   | World Mfg. ID                | Assigned by SAE               | 9                     |
| 4                             | Alpha                     | Model                        | Assigned by TEC-see legend    | M                     |
| 5                             | Alpha                     | Series                       | Assigned by TEC-see legend    | A, B, or C            |
| 6                             | Numeric                   | Chassis                      | Assigned by TEC-see legend    | 1                     |
| 7                             | Numeric                   | Engine                       | Assigned by TEC-see legend    | 6                     |
| 8                             | Numeric                   | GVWR                         | Assigned by TEC-see legend    | 8                     |
| 9                             | Alpha/Numeric             | Check Diget                  | Calculated from NHTSA formula | Form.                 |
| 10                            | Alpha/Numeric             | Model Year                   | From NHTSA Chart              | Chart                 |
| 11                            | Alpha                     | Plant Location               | Assigned by TEC-see legend    | M                     |
| 12                            | Numeric                   | Mfg. ID                      | Assigned by SAE               | 0                     |
| 13                            | Numeric                   | Mfg. ID                      | Assigned by SAE               | 3                     |
| 14                            | Numeric                   | Mfg. ID                      | Assigned by SAE               | 1                     |
| 15                            | Numeric                   | Prod. sequence               | Assigned by TEC               | see legend            |
| 16                            | Numeric                   | Prod. sequence               | Assigned by TEC               | see legend            |
| 17                            | Numeric                   | Prod. sequence               | Assigned by TEC               | see legend            |





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BALE WAGON

VIN - Legend for specific characters

| <u>Character Position</u> | <u>Vehicle Attribute</u> | <u>VIN Character</u> | <u>Description for each Character</u>  |
|---------------------------|--------------------------|----------------------|--|
| 1                         |                          | 1                    | Only character for this position assigned by SAE.  |
| 2                         | World Mfg#               | T                    | Only character for this position assigned by SAE.  |
| 3                         |                          | 9                    | Only character for this position assigned by SAE.  |
| 4                         | Model                    | M                    | Designation for model MVE 8000 - currently only model in production.   |
| 5                         | Series                   | A                    | Designates unit mfd. with Hendrickson RS400 rear suspension and Rockwell SQHD 5:88 rear ends.  |
|                           |                          | B                    | Designates unit mfd with Ridewell RD - 2085 rear suspension and Rockwell SQHD 5:88 rear ends.  |
|                           |                          | C                    | Designates unit mfd with Hendrickson RS400 rear suspension and Rockwell SQHP 5:88 rear ends.   |
| 6                         | Chassis                  | 1                    | Designates TEC custom built chassis mfd with single occupant cab, air brakes, hydraulic assisted power steering, and 16,000 lb front suspension. |
| 7                         | Engine                   | 6                    | Designates unit mfd. with Cummins diesel engine, model 6CT, 8.3 liter, 215 HP, turbo charged.  |
| 8                         | GVWR                     | 8                    | Designates unit with a Gross Vehicle Weight rating of 44,000 lbs.  |
| 9                         | Check Diget              |                      | Check diget, as per NHTSA chart-exhibit A.   |
| 10                        | Model Year               |                      | As per NHTSA chart - exhibit B   |
| 11                        | Plant Location           | M                    | Designates unit was mfd at TEC plant located in Meridian, Idaho  |

3



Bale Wagon cont.  
page 2

|    |            |   |  |
|----|------------|---|--|
| 12 |            | 0 | Only character for this position<br>- assigned by SAE. |
| 13 | Mfg Id#    | 3 | Only character for this position<br>- assigned by SAE. |
| 14 |            | 1 | Only character for this position<br>- assigned by SAE. |
| 15 |            |   | Designates production sequence                         |
| 16 | Production |   | begining with number 116 as                            |
| 17 | Sequence   |   | first unit produced.                                   |

4

Exhibit "A"

**WORKSHEET: CHECK DIGIT CALCULATION**

| CHARACTER POSITION            | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8  | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | SUM OF PRODUCTS |  |
|-------------------------------|---|---|---|---|---|---|---|----|---|----|----|----|----|----|----|----|----|-----------------|--|
| ACTUAL V.I.N.                 |   |   |   |   |   |   |   |    |   |    |    |    |    |    |    |    |    |                 |  |
| CONVERTED VALUES              |   |   |   |   |   |   |   |    |   |    |    |    |    |    |    |    |    |                 |  |
| MULTIPLIER                    | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 10 |   | 9  | 8  | 7  | 6  | 5  | 4  | 3  | 2  |                 |  |
| PRODUCT (VALUES X MULTIPLIER) |   |   |   |   |   |   |   |    |   |    |    |    |    |    |    |    |    |                 |  |

**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 |       |

**CHECK DIGIT COMPUTATION**

| SUM OF PRODUCTS (FROM ABOVE) | DIVIDED BY | EQUALS       |         |
|------------------------------|------------|--------------|---------|
|                              |            | WHOLE NUMBER | DECIMAL |
|                              | 11         |              |         |
| EXAMPLE                      |            |              |         |
| 247                          | 11         | 22           | .4545   |

BECAUSE THE DECIMAL IS .45, YOU SHOULD CHOOSE THE CHECK DIGIT AS 5, AS SHOWN IN THE CHECK DIGIT TABLE.

**CHECK DIGIT**

| 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                  |

Exhibit "B"

**MODEL YEAR**

|          |          |
|----------|----------|
| F - 1985 | 1 - 2001 |
| G - 1986 | 2 - 2002 |
| H - 1987 | 3 - 2003 |
| J - 1988 | 4 - 2004 |
| K - 1989 | 5 - 2005 |
| L - 1990 | 6 - 2006 |
| M - 1991 | 7 - 2007 |
| N - 1992 | 8 - 2008 |
| P - 1993 | 9 - 2009 |
| R - 1994 | A - 2010 |
| S - 1995 | B - 2011 |
| T - 1996 | C - 2012 |
| V - 1997 | D - 2013 |
| W - 1998 |          |
| X - 1999 |          |
| Y - 2000 |          |

5