CRANE CARRIER COMPANY

49CFR Part 566 MANUFACTURERS IDENTIFICATION SUBMISSION

Crane Carrier Company
1925 North Sheridan Road
Tulsa, Oklahoma 74115
Phone: 918.836.1651
Fax: 918.832.7348

Corporate name of the manufacturer: Crane Carrier Company

City of Incorporation: Delaware

Product Manufactured: Manufacturer of On-Highway and Off-Highway purpose built straight truck vehicles for many markets including but not limited to Refuse Collection, Mobile Drill Rigs, Mobile Well Service Rigs, Cement Mixers, Construction Material Haulers, Agricultural Material Hauler, and Terminal Tractors. All product vocations listed are *cab-chassis* incomplete vehicles with the exception of the Terminal Tractor product, which is a complete vehicle. Crane Carrier Company is incomplete vehicle or final stage manufacturer depending upon the product configuration.

GVWR: The vehicles produced have GVWR's that range from 33,000 lbs. to in excess of 100,000 lbs.

Signed: N. Todd Kemmerly P.E. Date: Nov. 7, 2007
N. Todd Kemmerly, P.E.

Capacity of Signatory: V.P. Engineering

Character	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1CY A character sequence assigned to CCC by DOT to be used in all "VIN's"																	
See Table "A" Carrier Models																	
See Table "B" Chassis																	
See Table "C" Engine Mfg Model																	
See Table "D" Engine Horsepower																	
See Table "E" Carrier GVW																	
See Table "F Check Digit																	
See Table "G" Vehicle Model Year																	
"T" for Tulsa, Oklahoma																	
"O" Not required at this time																	
Carrier Serial Number																	

NOTE: If carrier model Is Glider Kit, characters 5 thru 8 are "X".

Table "A"

Model (w/Air Brakes, Diesel & Alternate Fueled Engines)	Code
Centurion (F/FT/LCF)	B
Low Entry (S/L/LE2/LT/LD/LW/LT2)	C
Drill Rig (DR/IR)	D
Equipment Carrier (Varies)	E
Glider Kit (GK)	K

Table "B"

Drive Configurations	Code
4 x 2	A
4 x 4	B
6 x 4	C
6 x 6	D
8 x 4	E
8 x 6	F
Other	G
Glider Kit	X

Note: These drive configurations Include only permanently mounted axle assemblies

Table "C"

Engine Models

	Code		Code
CATERPILLAR		CUMMINS	
C-7	B	ISB	J
C-9	F	ISC	K
C-10	E	ISL	L
C-11	H	ISM	M
C-12	D	ISX	P
C-13	V	ISL G	Z
C-15	C	QSB	S
		QSC	T
		QSX	Q

DETROIT DIESEL	
Series 60	W
Series 2000	Y
JOHN DEERE	
8.1L	N
Glider Kit	X

Table "D"

Engine Horsepower	Code
100 to 149	1
150 to 199	2
200 to 249	3
250 to 324	4
325 to 399	5
400 to 524	6
525 to 599	7
600 to 699	8
700 to 1000	9
Glider Kit	X

Table "E"

Carrier GVW	Code
Not greater than 3000 lbs.	A
3001 - 4000 lbs.	B
4001 - 5000 lbs.	C
5001 - 6000 lbs.	D
6001 - 7000 lbs.	E
7001 - 8000 lbs.	F
8001 - 9000 lbs.	G
9001 - 10,000 lbs.	H
10,001 - 14,000 lbs.	3
14,001 - 16,000 lbs.	4
16,001 - 19,500 lbs.	5
19,501 - 26,000 lbs.	6
26,001 - 33,000 lbs.	7
33,001 lbs. and over	8
Glider Kit	X

Table "F"

S5.2 The check digit is determined by carrying out the mathematical computation specified in S5.2.1 - S5.2.4.

S5.21 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.

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	

S5.2.2 Multiply the assigned value for each character in the vehicle for each character in the vehicle identification number by the weight factor specified for it in Table V. Multiply the check digit by 0.

Table V

Character and Weight Factor

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

55.2.2 Add the resulting products and divide the total by 11.

S5.2.4 The remainder is the check digit. If the remainder is 10, the check digit is X.

Table "G"

Vehicle Model Year

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

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)

ORIGINAL RELEASE 07/03/1980 CRM
REVISION A 49252 11/19/1981 CRM
REVISION B 53767 07/08/1986 KLL
REVISION C 55244 08/24/1988 KLL
REVISION D 56197 08/14/1989 KLL
REVISION E 56331 09/20/1989 KLL
REVISION F 57792 09/24/1990 KLL
REVISION G 59481 02/28/1992 KLL
REVISION H 64590 12/01/1992 KLL
REVISION I 65842 08/17/1993 KLL
REVISION J 72567 08/30/1996 KLL
REVISION K 80755 08/23/2000 KLL
REVISION L 81243 01/09/2001 KLL
REVISION M 82161 09/13/2001 KLL
REVISION N 83110 07/16/2002 NTK
REVISION P 83662 01/06/2003 NTK
REVISION Q 84925 03/05/2004 NTK
REVISION R 85542 08/16/2004 NTK
REVISION S 87252 08/19/2005 NTK
REVISION T 89900 04/24/2007 NTK
REVISION U 90277 07/30/2007 NTK

FROM

CRANE CARRIER COMPANY

CCC

P.O. Box 582891
1925 North Sheridan Road
Tulsa, Oklahoma 74158

FOR

U.S. DOT/NHTSA
1200 NEW JERSEY AVE SE
W43-488
WASHINGTON, DC 20590

CHECK SERVICE

☒ FIRST CLASS	☐ PARCEL POST	☐ CATALOG	☐ OTHER

122-1030