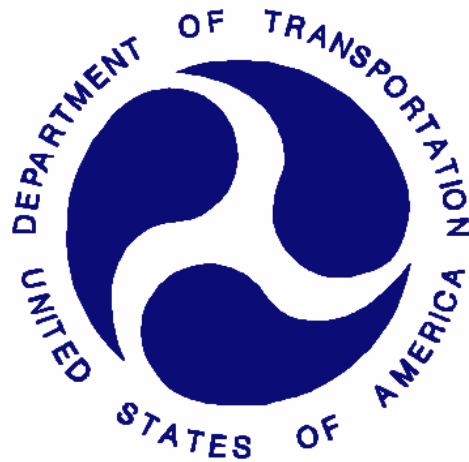


REPORT NUMBER: 120-MGA-2009-001

**SAFETY COMPLIANCE TESTING FOR
FMVSS NO. 120
TIRE SELECTION AND RIMS
FOR MOTOR VEHICLES WITH A GVWR OF MORE THAN 4,536 KG**

**IC CORPORATION
2009 IC CORPORATION RE300 SCHOOL BUS
NHTSA NO.: C90900**

**PREPARED BY:
MGA RESEARCH CORPORATION
5000 WARREN ROAD
BURLINGTON, WI 53105**




FINAL REPORT DATE: DECEMBER 3, 2008

FINAL REPORT

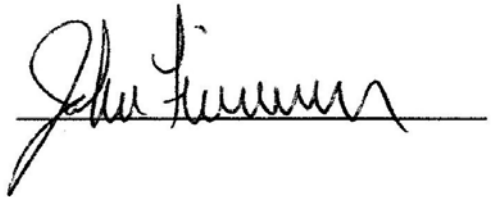
**PREPARED FOR:
U.S. DEPARTMENT OF TRANSPORTATION
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
ENFORCEMENT
OFFICE OF VEHICLE SAFETY COMPLIANCE
MAIL CODE: NVS-220
1200 NEW JERSEY AVENUE, S.E.
WASHINGTON, D.C. 20590**

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Prepared by:  Date: December 3, 2008
Eric Peschman, Project Engineer

Reviewed by:  Date: December 3, 2008
Michael Janovicz, Program Manager

FINAL REPORT ACCEPTED BY:



December 3, 2008
Date of Acceptance

Technical Report Documentation Page

1. Report No. 120-MGA-2009-001		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle Final Report of FMVSS 120 Compliance Testing of a 2009 IC Corporation RE300 School Bus NHTSA No.: C90900				5. Report Date December 3, 2008	
				6. Performing Organization Code MGA	
7. Author(s) Eric Peschman, Project Engineer Michael Janovicz, Program Manager				8. Performing Organization Report No. 120-MGA-2009-001	
9. Performing Organization Name and Address MGA Research Corporation 5000 Warren Road Burlington, WI 53105				10. Work Unit No.	
				11. Contract or Grant No. DTNH22-08-D-00075	
12. Sponsoring Agency Name and Address U.S. Department of Transportation National Highway Traffic Safety Administration Enforcement Office of Vehicle Safety Compliance Mail Code: NVS-220 1200 New Jersey Avenue, S.E. Washington, D.C. 20590				13. Type of Report and Period Covered Final Report 10/20/08 – 11/14/08	
				14. Sponsoring Agency Code NVS-220	
15. Supplementary Notes					
16. Abstract A compliance test was conducted on the subject 2009 IC Corporation RE300 School Bus, NHTSA No.: C90900, in accordance with FMVSS 120, "Tire selection and rims for motor vehicles with a GVWR of more than 4,536 kilograms," and TP-120-03. The vehicle was weighed in the unloaded and fully loaded conditions and its tires, rims, and related information were checked. Test failures: None					
17. Key Words Compliance Testing Safety Engineering FMVSS 120				18. Distribution Statement Copies of this report are available from: NHTSA Technical Information Services (NPO-411) 1200 New Jersey Ave., S.E. Washington, DC 20590 Email: tis@nhtsa.dot.gov FAX: 202-493-2833	
19. Security Classif. (of this report) Unclassified		20. Security Classif. (of this page) Unclassified		21. No. of Pages 30	22. Price

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SECTION 1
PURPOSE OF COMPLIANCE TEST

The purpose of this test report is to document the results of tests performed on a MY 2009 IC Corporation RE300 School Bus, NHTSA No.: C90900, in accordance with the requirements stated in Federal Motor Vehicle Safety Standard (FMVSS) No. 120, "Tire selection and rims for motor vehicles with a GVWR of more than 4,536 kilograms."

This standard establishes requirements to ensure that applicable vehicles are equipped with tires of adequate size and load rating and rims of appropriate size and type designation.

SECTION 2

TEST PROCEDURE AND DISCUSSION OF RESULTS

Testing of the 2009 IC Corporation RE300 School Bus, NHTSA No.: C90900, was conducted at MGA Research Corporation in accordance with NHTSA TP-120-03, dated April 10, 2000 and MGA-TP-120-03 dated November 20, 2002. The vehicle mounted tires and rims were surveyed to ensure that the rims were suitable for the tires and that the tires inflated to the maximum inflation pressure stated on the tire sidewall were appropriate for the vehicle's certified Gross Axle Weight Ratings (GAWR). The vehicle certification and tire information labeling was surveyed to ensure that the vehicle manufacturer's recommended rims were suitable for the recommended tires, and that the recommended tires inflated to the recommended inflation pressures stated on the labeling were appropriate for the vehicle's certified GAWRs. The vehicle was ballasted and weighed in three different loading conditions to determine if axle or tire overloading could occur. The three loading conditions were:

Condition 1 – Unloaded Vehicle Weight (UVW).

Condition 2 – Vehicle in Condition 1 state plus the addition of ballast to simulate
Seventy-three passengers (one adult driver and seventy-two students).

Condition 3 – Vehicle in Condition 2 state plus the addition of ballast to simulate
cargo loading. Target vehicle load is the certified gross weight
rating (GVWR).

The vehicle mounted tires inflated to the inflation pressure labeled on the tire sidewall and the vehicle labeled tires inflated to the recommended cold inflation pressures have load ratings appropriate to carry the maximum loads as required by FMVSS No. 120. The vehicle rims are suitable for the vehicle tires and contain the required markings.

SECTION 2...continued
TEST PROCEDURE AND DISCUSSION OF RESULTS

Model Year/Mfr. /Make/Model:	2009 IC Corporation RE300	
Incomplete Vehicle Make/Model:		
NHTSA No.:	C90900	
GVWR:	14,424 KG / 31,800 lbs	
Build Date for Bus Chassis:	04/08	
VIN:	4DRBWAAN29A083456	
Designated Seating Capacity:	(1 Driver, 72 Passengers)	
Vehicle Type:	School Bus	
Tire Pressure from certification label (at capacity):	Front: 758 KPa	Rear: 723 KPa
Odometer Reading:	69 Miles	
Dealer Installed Optional Accessories	None Noted	

SUMMARY

Requirements	Pass/Fail
TIRE AND RIM SELECTION (S5.1) Installed tires and rims are suitable for vehicle	Pass
Rim Marking (S5.2) Rims contain all required markings of proper dimensions	Pass
LABEL INFORMATION (S5.3) Vehicle has proper certification/tire information label. Label tires at recommended inflation pressure and rims are suitable for vehicle.	Pass
Weight Distribution (49 CFR 567 Certification) Vehicle loaded with occupants and cargo does not exceed GVWR	Pass
Results: Test data indicates compliance with FMVSS 120	Pass

SECTION 3
COMPLIANCE TEST DATA
DATA SHEET 1
GENERAL TIRE AND RIM DATA

Test Vehicle: **2009 IC CORPORATION RE300 SCHOOL BUS**
 Test Lab: **MGA RESEARCH CORPORATION**

NHTSA No.: **C90900**
 Test Date: **10/20/2008**

GENERAL DATA

Tire Type: (Passenger car or other)	Truck/Bus
Are the tire and rim sizes the same for all axles, including the spare?	Yes
Does the tire size fitted to the axles appear on the Certification or Tire label? (If NO, describe)	No, see table below
Number of axles	2
Dual tires on rear axle(s)	Yes

Front Tire Size From Placard	295/75R22.5
Front Tire Size Fitted to the Axles	11R22.5
Rear Tire Size From Placard	10R22.5
Rear Tire Size Fitted to the Axles	11R22.5

TIRE DATA FROM SIDEWALL

	Right Front
Manufacturer	Hankook
Brand	AH 12
Tire Size	11R22.5
Maximum Tire Load Rating (KG)	Single: 2800 kg Dual: 2650 kg
De-rated Tire Load Rating (KG)	N/A
Maximum Inflation Pressure (KPa)	720
Tire has DOT symbol (Yes/No)	Yes
DOT serial number	DOT T73T NEH0508

MOUNTED TIRE VS. AXLE RATING COMPARISON
 (AT SIDEWALL MAXIMUM INFLATION PRESSURE)

	Front Axle	Rear Axle
A. GAWR (KG) from certification label	5,443	8,981
B. (No. of tires) x (tire load rating (KG) from above table)	5,600	10,600
C. Is "B" equal to or greater than "A"? (Yes/No)	Yes	Yes

DATA SHEET 1...continued
GENERAL TIRE AND RIM DATA

Test Vehicle: **2009 IC CORPORATION RE300 SCHOOL BUS**
 Test Lab: **MGA RESEARCH CORPORATION**

NHTSA No.: **C90900**
 Test Date: **10/20/2008**

RIM MARKINGS

	Right Front
A. Source of published dimensions (letter designation)	T
B. Rim Size	22.5 x 8.25
C. Does rim contain DOT symbol? (Yes/No)	Yes
D. Manufacturer's name, symbol or trademark (copy format)	Accuride
E. Date of manufacture or symbol	01 28 08
Do items A-C appear on weather side of rim? (Yes/No)	Yes
Letter height (not less than 3mm)	4 mm
Lettering (impressed or embossed)	Embossed
Are all rim markings legible? (Yes/No)	Yes
Do all markings comply with requirements? (Yes/No)	Yes
Rims are suitable for tires on vehicles? (Yes/No)	Yes

RIM MEASUREMENTS

	Right Front
Rim width	210 mm
Rim diameter	571 mm
Rim measurements same as rim markings? (Yes/No)	Yes

Requirements	Pass/Fail
TIRE AND RIM SELECTION (S5.1) Installed tires and rims are suitable for vehicle	Pass
Rim Marking (S5.2) Rims contain all required markings of proper dimensions	Pass

Remarks: None

Tested By: 

Approved By: 

Date: October 20, 2008

DATA SHEET 2
CERTIFICATION AND TIRE LABEL INFORMATION

Test Vehicle: **2009 IC CORPORATION RE300 SCHOOL BUS** NHTSA No.: **C90900**
 Test Lab: **MGA RESEARCH CORPORATION** Test Date: **10/20/2008**

LABEL INFORMATION

Label Design (Combined Certification and Tire Label):	Yes
Label Design (Separate Tire Information Label):	No
Label in English? (Yes/No)	Yes
Block capital letter and numbers are not less than 2.4 mm in height (yes/no):	Yes
Label is permanently affixed; describe method of affixing (rivets, glue, etc.)	Yes/ Glue
Does label text color contrast with background? (yes/no)	Yes
Location of Label(s) on the vehicle:	Above Windshield on the Driver's Side

TIRE AND RIM DATA FROM LABEL (FOR EACH GAWR/GVWR)

GVWR: 14,424 KG	Front Axle	Rear Axle
Tire Size	295/75R22.5G	10R22.5G
Rim Size	22.5 x 8.25	22.5 x 7.50
Recommended inflation pressure (KPa)	758	723
Are labeled rims suitable for labeled tires (Yes/No) ¹	Yes	Yes
Referenced load rating at label recommended inflation pressure (KG) ¹	2800	2300

¹ Referenced source for tire/rim match and load rating data: 2008 Year Book Tire & Rim Assoc.

CERTIFICATION/TIRE LABEL MAXIMUM CAPACITY COMPARISON

GVWR: 14,424 KG	Front axle	Rear Axle
A.GAWR (KG) FROM CERTIFICATION LABEL	(C) 5443	(D) 8981
B.(No. of tires) x (Tire load rating (KG))	5600	9200
Is "B" equal or greater than "A"? (Yes/No)	Yes	Yes
Is (C) plus (D) equal to or greater than GVWR? (Yes/No)	Yes	

Requirements	Pass/Fail
LABEL INFORMATION (S5.3) Vehicle has proper certification/tire information label. Label tires at recommended inflation pressure and rims are suitable for vehicle.	Pass

Tested By: 

Approved By: 

Date: October 20, 2008

DATA SHEET 3
WEIGHT DISTRIBUTION

Test Vehicle: **2009 IC CORPORATION RE300 SCHOOL BUS**
Test Lab: **MGA RESEARCH CORPORATION**

NHTSA No.: **C90900**
Test Date: **10/24/2008**

FLUID LEVELS				
Fuel:	FULL			
Coolant:	FULL			
Other Fluids: <u>Washer fluid, brake fluid, etc.</u>	FULL			
TIRE PRESSURES				
Tire	Left Front	Right Front	Left Rear	Right Rear
Tire Pressure (KPa)	756	756	724	724
OCCUPANT AND CARGO LOADS				
Total Occupant Load (KG): [# of designated seating positions x 68 KG per adult or 54 KG per student]	3956 (1-driver, 72-students)			
Manufacturer's Rated Cargo Load (KG): [If not stated on vehicle or provided in owner's manual leave blank]	N/A			
Certified GVWR - Measured UVW - Total Occupant Load = Rated Cargo Load <u>14,424</u> KG – <u>8,867</u> KG – <u>3,956</u> KG = <u>1,601</u> KG (must be positive)				
Describe Placement of Cargo:	Down Center aisle			

WEIGHT DISTRIBUTION

ITEM	Tire or Vehicle Rating* (KG)	CONDITION 1 UVW (KG)		CONDITION 2 Cond. 1 + occupants (KG)		CONDITION 3 Cond. 2 + cargo (KG)	
		Measured	Overload	Measured	Overload	Measured	Overload
Left Front Tire	2,800	1,275	No	2,092	No	2,774	No
Right Front Tire	2,800	1,218	No	1,984	No	2,669	No
Front Axle	5,443	2,493	No	4,076	No	5,443	No
Left Rear Tire	5,300	3,009	No	4,128	No	4,226	No
Right Rear Tire	5,300	3,365	No	4,620	No	4,755	No
Rear Axle	8,981	6,374	No	8,748	No	8,981	No
Total Vehicle	14,424	8,867	No	12,824	No	14,424	No

* Vehicle and axle weight ratings (GVWR & GAWR) are located on the vehicle certification label plate. Vehicle tire load ratings are based upon the inflation pressure specified on the certification label plate for each respective axle, as determined from the appropriate tire manufacturer's specification table.

DATA SHEET 3...continued


WEIGHT DISTRIBUTION


Test Vehicle: **2009 IC CORPORATION RE300 SCHOOL BUS**
Test Lab: **MGA RESEARCH CORPORATION**

NHTSA No.: **C90900**
Test Date: **10/24/2008**

Requirements	Pass/Fail
Weight Distribution (49 CFR 567 Certification) Vehicle loaded with occupants and cargo does not exceed GVWR	Pass

Remarks: None

Tested By: 

Approved By: 

Date: October 24, 2008

SECTION 4
INSTRUMENTATION AND EQUIPMENT LIST

Test Vehicle: **2009 IC CORPORATION RE300 SCHOOL BUS** NHTSA No.: **C90900**
 Test Lab: **MGA RESEARCH CORPORATION** Test Date: **10/20/2008**

	Digital Caliper	Vehicle Scale	Tape Measure
Make	Mitutoyo	GSE	Stanley
Model	IP 65	465	Powerlock
Serial # (s)	0004174	004804	559
Range	0-150mm	0 to 20,000 lb	0-5 m
Accuracy	.01mm	0.25% static	1 mm
Cal. Date	06/16/08	09/09/08	08/19/08
Cal. Due Date	12/16/08	12/09/08	02/19/09

SECTION 4...continued
INSTRUMENTATION AND EQUIPMENT LIST

Test Vehicle: **2009 IC CORPORATION RE300 SCHOOL BUS** NHTSA No.: **C90900**
 Test Lab: **MGA RESEARCH CORPORATION** Test Date: **10/20/2008**

SCALE CALIBRATION SHEET

<i>Confidential</i> REPORT OF INSPECTION AND CALIBRATION <i>Trade Secret</i>											
Operating Under A2LA Accreditation #2006.01; Performed by Certified Scale Inc. N57 W13640 Carmen Avenue, Menomonee Falls, WI 53051. As Directed by MGA Research Corporation											
TYPE <u>DIGITAL FLOOR</u>		CLASS <u>III</u>		MODEL <u>465</u>		CAPACITY <u>20,000</u>					
MANUFACTURER <u>GSE</u>		SERIAL # <u>004804</u>		ID# <u>NONE</u>		MAX. LOAD <u>15,000</u>					
LOCATION <u>BUS AND TRUCK BAY 1</u>		MINIMUM DIVISION <u>5</u>		UNITS <u>Lbs.</u>							
TEST AND UNCERTAINTY PROCEDURE JUSTIFICATION					NIST TRACEABLE TEST STANDARDS USED THIS CALIBRATION						
PLEASE REFER TO TEST JUSTIFICATION AND UNCERTAINTY POLICY MADE PART OF SCALE MAINTENANCE AND CALIBRATION PROCEDURE MANUAL; SERIAL # MGA-704-L1					50# NUMBERS <u>2300</u> THRU <u>2319</u>						
<input type="checkbox"/> THERE WAS NO DEVIATION IN PROCEDURE AS WRITTEN					500# NUMBERS _____ THRU _____						
<input checked="" type="checkbox"/> DEVIATION FROM PROCEDURE IS NOTED HEREUPON					1000# NUMBERS <u>NSI 01</u> THRU <u>NSI 15</u>						
TEST WEIGHT CERTIFICATION					ESTIMATE OF ENVIRONMENTAL CONDITIONS						
PLEASE REFER TO TEST STANDARD TRACEABILITY DOCUMENTS MADE PART OF SCALE MAINTENANCE AND CALIBRATION PROCEDURE MANUAL; SERIAL # MGA-704-L1					Temperature <u>69°</u> Humidity <u>47%</u> Air Movement <u>Minimal</u>						
Vibration <u>Minimal</u> Other <u>None</u>											
VISUAL INSPECTION			ACCEPT	REJECT	LOCATION OF TEST/NOTICE OF SUB-CONTRACTOR						
FUNCTIONALITY; as left			✓		<input type="checkbox"/> This test was conducted at Certified Scale Inc. facility, Menomonee Falls, WI						
REPEATABILITY/SENSITIVITY; as left			✓		<input checked="" type="checkbox"/> This test was conducted within the customer facility; located at:						
PHYSICAL CONDITION; as left			✓		5000 Warren Road, Burlington, WI 53105						
SUITABILITY FOR INTENDED USE			✓		<input type="checkbox"/> Subcontracted to:						
*** FINAL TEST RESULTS ***											
TEST POINT	As FOUND			A C C E P T	R E J E C T	As LEFT		A C C E P T	R E J E C T	TOLERANCES	
	EXPECTED VALUE	MEASURED VALUE	ERROR			MEASURED VALUE	ERROR			LOW LIMIT	HIGH LIMIT
SCALE #1											
DISTRIBUTION	1000	<u>995</u>	<u><5</u>	✓		<u>1000</u>	<u>0</u>	✓		995	1005
DISTRIBUTION	2000	<u>1995</u>	<u><5</u>	✓		<u>2000</u>	<u>0</u>	✓		1995	2005
DISTRIBUTION	3000	<u>2995</u>	<u><5</u>	✓		<u>3000</u>	<u>0</u>	✓		2990	3010
DISTRIBUTION	4000	<u>3995</u>	<u><5</u>	✓		<u>4000</u>	<u>0</u>	✓		3990	4010
DISTRIBUTION	5000	<u>4990</u>	<u><10</u>	✓		<u>5000</u>	<u>0</u>	✓		4990	5010
DISTRIBUTION	10,000	<u>9990</u>	<u><10</u>	✓		<u>10000</u>	<u>0</u>	✓		9980	10,020
DISTRIBUTION	15,000	<u>14985</u>	<u><15</u>	✓		<u>15000</u>	<u>0</u>	✓		14,970	15,030
DISTRIBUTION	<u>17000</u> 18,000	<u>16985</u>	<u><15</u>	✓		<u>17000</u>	<u>0</u>	✓		17,960	18,040
PAGE (1) OF (2)											
*** FINAL CONCLUSIONS ***											
As FOUND: ACCEPT <input type="checkbox"/> REJECT <input checked="" type="checkbox"/> As LEFT: ACCEPT <input checked="" type="checkbox"/> REJECT <input type="checkbox"/> ACTION PENDING: <input type="checkbox"/>											
*** STATEMENT OF ESTIMATED UNCERTAINTY AND CONFIDENCE ***											
<input type="checkbox"/> ESTIMATED UNCERTAINTY OF THIS CALIBRATION IS _____; BY CSI TYPE EVALUATION DEFAULT; WITH A CONFIDENCE LEVEL OF 99%.											
<input checked="" type="checkbox"/> UNCERTAINTY OF THIS CALIBRATION IS UNKNOWN BY STATISTICAL CALCULATION; ASSUMED EQUAL TO ±50% OF THE MINIMUM VALID DIVISION.											
Technician's Comments/Observations/Opinions: <u>Adjusted Calibration Approved</u>											
MGA2 - M66/05											

** THIS REPORT IS APPLICABLE ONLY TO THE DEVICE IDENTIFIED IN THE LOCATION SPECIFIED AS PART OF THIS REPORT **

The serial number of this report is C90900MGA02. This report may not be duplicated without written consent of Certified Scale Inc.
 This report, page (1) of (1) was completed on 9/16/2008 by Ben Dill
 Date 9/16/2008 Certified Scale Inc. Representative
 Next scheduled Full Calibration is due 12/2008 Date Next Preventive Maintenance visit is due 1208 Date

Revision - 0 Certified Scale Inc. - Quality Procedure Manual - Controlled Document R-510L1RIC (File #5.10.c)

SECTION 4...continued

INSTRUMENTATION AND EQUIPMENT LIST

Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS NHTSA No.: C90900
 Test Lab: MGA RESEARCH CORPORATION Test Date: 10/20/2008

SCALE CALIBRATION SHEET

Confidential **REPORT OF INSPECTION AND CALIBRATION** *Trade Secret*
 Operating Under A2LA Accreditation #2006.01; Performed by Certified Scale Inc. N57 W13640 Carmen Avenue,
 Menomonee Falls, WI 53051. As Directed by **MGA Research Corporation**

TYPE DIGITAL FLOOR CLASS III MODEL 465 CAPACITY 20,000
 MANUFACTURER GSE SERIAL # 004804 ID# NONE MAX. LOAD 15,000
 LOCATION BUS AND TRUCK BAY 2 MINIMUM DIVISION 5 UNITS Lbs.

TEST AND UNCERTAINTY PROCEDURE JUSTIFICATION NIST TRACEABLE TEST STANDARDS USED THIS CALIBRATION
 PLEASE REFER TO TEST JUSTIFICATION AND UNCERTAINTY POLICY MADE PART OF SCALE MAINTENANCE 50# NUMBERS 8300 THRU 8319
 AND CALIBRATION PROCEDURE MANUAL, SERIAL # MGA-704-L1 500# NUMBERS NST 01 THRU NST 15
 THERE WAS NO DEVIATION IN PROCEDURE AS WRITTEN 1000# NUMBERS NST 01 THRU NST 15
 DEVIATION FROM PROCEDURE IS NOTED HEREUPON SUBSTITUTION LOAD

TEST WEIGHT CERTIFICATION ESTIMATE OF ENVIRONMENTAL CONDITIONS
 PLEASE REFER TO TEST STANDARD TRACEABILITY DOCUMENTS MADE PART OF SCALE MAINTENANCE Temperature 69° Humidity 47% Air Movement Minimal
 AND CALIBRATION PROCEDURE MANUAL, SERIAL # MGA-704-L1 Vibration Minimal Other none

VISUAL INSPECTION ACCEPT REJECT LOCATION OF TEST/NOTICE OF SUB-CONTRACTOR
 FUNCTIONALITY; as left This test was conducted at Certified Scale Inc. facility, Menomonee Falls, WI
 REPEATABILITY/SENSITIVITY; as left This test was conducted within the customer facility, located at:
 PHYSICAL CONDITION; as left 5000 Warren Road, Burlington, WI 53105
 SUITABILITY FOR INTENDED USE Subcontracted to:

***** FINAL TEST RESULTS *****

TEST POINT	AS FOUND			A C C E P T	R E J E C T	AS LEFT		A C C E P T	R E J E C T	TOLERANCES		
	EXPECTED VALUE	MEASURED VALUE	ERROR			MEASURED VALUE	ERROR			LOW LIMIT	HIGH LIMIT	
SCALE #2												
DISTRIBUTION	1000	995	<57	✓		1000	0	✓		990	1000	
DISTRIBUTION	2000	1995	<57	✓		2000	0	✓		1990	2010	
DISTRIBUTION	3000	2995	<57	✓		3000	0	✓		2990	3010	
DISTRIBUTION	4000	3995	<57	✓		4000	0	✓		3990	4010	
DISTRIBUTION	5000	4995	<57	✓		5000	0	✓		4990	5010	
DISTRIBUTION	10,000	9995	<57	✓		10000	0	✓		9980	10,020	
DISTRIBUTION	15,000	14995	<57	✓		15000	0	✓		14,970	15,030	
DISTRIBUTION	17000 18,000	16995	<57	✓		17000	0	✓		17,960	18,040	

PAGE (2) OF (2)

***** FINAL CONCLUSIONS *****
 AS FOUND: ACCEPT REJECT AS LEFT: ACCEPT REJECT ACTION PENDING:

***** STATEMENT OF ESTIMATED UNCERTAINTY AND CONFIDENCE *****
 ESTIMATED UNCERTAINTY OF THIS CALIBRATION IS _____; BY CSI TYPE EVALUATION DEFAULT, WITH A CONFIDENCE LEVEL OF 99%.
 UNCERTAINTY OF THIS CALIBRATION IS UNKNOWN BY STATISTICAL CALCULATION; ASSUMED EQUAL TO ±50% OF THE MINIMUM VALID DIVISION.

Technician's Comments/Observations/Opinions: Adjusted Calibration
 M.W.D. APPROVED

MGA2 - NM505

**** THIS REPORT IS APPLICABLE ONLY TO THE DEVICE IDENTIFIED IN THE LOCATION SPECIFIED AS PART OF THIS REPORT. ****
 The serial number of this report is 09098MGA01. This report may not be duplicated without written consent of Certified Scale Inc.
 This report, page (1) of (1) was completed on 9/9/2008 by Ben J. [Signature]
 Next scheduled Full Calibration is due 12/2008 Date 12/2008 Next Preventive Maintenance visit is due None Date None
 Revision - O Certified Scale Inc. - Quality Procedure Manual - Controlled Document R-510L1RIC (File #5.10.c)

**SECTION 5
PHOTOGRAPHS**

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Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS NHTSA No.: C90900
Test Lab: MGA RESEARCH CORPORATION Test Dates: 10/20/08 – 10/24/08



Three-Quarter Frontal View of Left Side of Vehicle

Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS NHTSA No.: C90900
Test Lab: MGA RESEARCH CORPORATION Test Dates: 10/20/08 – 10/24/08



Three-Quarter Rear View of Left Side of Vehicle

Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS NHTSA No.: C90900
 Test Lab: MGA RESEARCH CORPORATION Test Dates: 10/20/08 – 10/24/08



**MANUFACTURED BY
 IC CORPORATION**

DATE OF MANUFACTURE 04 MO. 08 YR.

GVWR 14,424 KGS (31,800 LBS)

GAWR FRONT 5,443 KGS (12,000 LBS) WITH

295/75R22.5G TIRES 14 PLY AT
 758 KPa (110 PSI) COLD
 RIMS 22.5X8.25 AXLE SINGLE

GAWR REAR 8,981 KGS (19,800 LBS) WITH

10R22.5G TIRES 14 PLY AT
 723 KPa (105 PSI) COLD
 RIMS 22.5X7.50 AXLE DUAL

**THIS VEHICLE CONFORMS TO ALL
 APPLICABLE FEDERAL MOTOR
 VEHICLE SAFETY STANDARDS IN
 EFFECT ON THE DATE OF
 MANUFACTURE SHOWN ABOVE.**

VEHICLE IDENTIFICATION NO.
 4DRBWAAN29A083456
 VEHICLE TYPE
 SCHOOL BUS # 083456

ATTENTION DRIVER!
 USE CROSS VIEW MIRRORS TO VIEW PEDEST
 WHILE BUS IS STOPPED DO NOT USE T
 MIRRORS TO VIEW TRAFFIC WHILE BUS IS M
 IMAGES IN SUCH MIRRORS DO NOT ACCUR
 SHOW ANOTHER VEHICLE'S LOC
 THE HAWK-EYE™ CROSS VIEW MIRROR SYST
 ROSCO INC. JAMAICA, NY 11435 TEL: (718) 52

Certification Label

Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS
Test Lab: MGA RESEARCH CORPORATION
NHTSA No.: C90900
Test Dates: 10/20/08 – 10/24/08



Tire Manufacturer

Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS
Test Lab: MGA RESEARCH CORPORATION
NHTSA No.: C90900
Test Dates: 10/20/08 – 10/24/08



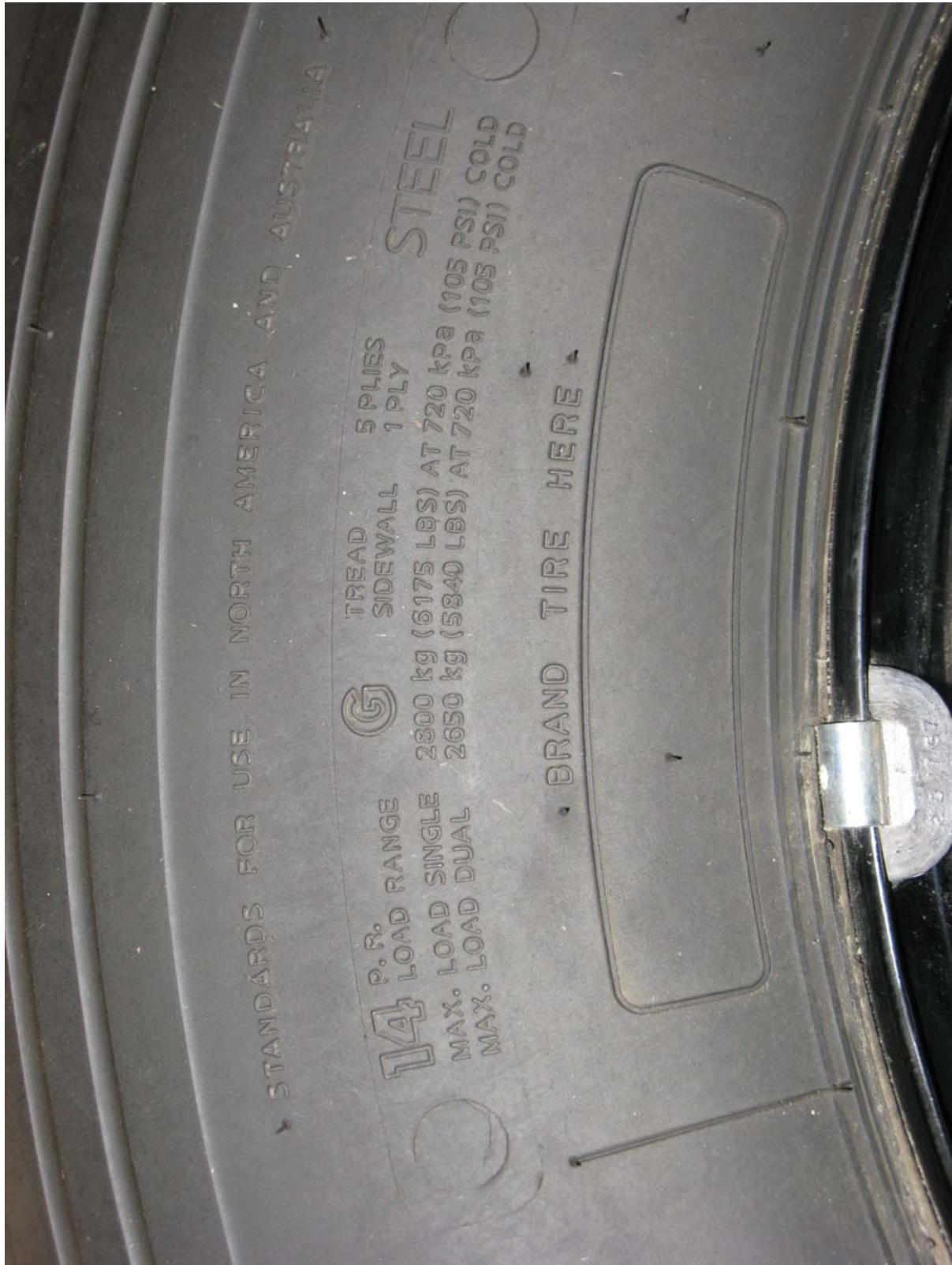
Tire Model Number

Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS
Test Lab: MGA RESEARCH CORPORATION
NHTSA No.: C90900
Test Dates: 10/20/08 – 10/24/08



Tire DOT Serial Number

Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS NHTSA No.: C90900
Test Lab: MGA RESEARCH CORPORATION Test Dates: 10/20/08 – 10/24/08



Tire Load Ratings

Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS NHTSA No.: C90900
Test Lab: MGA RESEARCH CORPORATION Test Dates: 10/20/08 – 10/24/08



Tire Side Designation

Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS
Test Lab: MGA RESEARCH CORPORATION
NHTSA No.: C90900
Test Dates: 10/20/08 – 10/24/08



Rim Manufacturer

Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS NHTSA No.: C90900
Test Lab: MGA RESEARCH CORPORATION Test Dates: 10/20/08 – 10/24/08



Rim DOT, Source of Published Information, Size and Date of Manufacture Markings

Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS NHTSA No.: C90900
Test Lab: MGA RESEARCH CORPORATION Test Dates: 10/20/08 – 10/24/08



Vehicle on Scales Doing Measurement of Front Axle Loads

Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS NHTSA No.: C90900
Test Lab: MGA RESEARCH CORPORATION Test Dates: 10/20/08 – 10/24/08



Vehicle on Scales Doing Measurement of Rear Axle Loads

Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS
Test Lab: MGA RESEARCH CORPORATION
NHTSA No.: C90900
Test Dates: 10/20/08 – 10/24/08



Simulated Occupant Loading

Test Vehicle: 2009 IC CORPORATION RE300 SCHOOL BUS
Test Lab: MGA RESEARCH CORPORATION
NHTSA No.: C90900
Test Dates: 10/20/08 – 10/24/08



Simulated Cargo Loading