UNI-BOND BRAKE, INC.

FMSI 15252

Uni-Bond Brake, Inc.

1350 JARVIS
FERNDALE, MICHIGAN 48220
(313) 547-3870
FAX (313) 547-5349

PURCHASE ORDER

No. B 5503

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKING SLIPS, CORRESPONDENCE, ETC.

Friction Materials Standards Institute, Inc.
588 Monroe Turnpike
Monroe, CT 06468

Uni-Bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

DATE ORDERED	DATE REQUIRED	SHIP VIA	F.O.B.	REQUISITION NO.	TERMS
7-9-92					

QUANTITY	STOCK NUMBER	DESCRIPTION	PRICE	AMOUNT
		Annual Licensee Membership for 1992-93 Fiscal Year		$600.00
		Confirming Inv# 006776 - DO NOT DUPLICATE		

9157

☐ NOT FOR RESALE ☐ FOR RESALE-TAX NO._____

M. Carattini
AUTHORIZED SIGNATURE

ORIGINAL

FMSI 15253

Uni-Bond Brake, Inc.
1350 Jarvis • Ferndale, Michigan 48220
(313) 547-3870 • FAX (313) 547-5349

June 25, 1991

Mr. D.A. Willsie
Product Line Mgr.
I.T.T. Parts Supply Div.
3000 University Dr.
Auburn Hills, MI 48057

Dear Doug,

We have attached the drawings indicating a revised drill pattern for O.E. brake shoes currently FMSI designated 451, 452, and 473. This revision is effective on General Motors' 1992 Model Year light truck production commencing August, 1991.

As we also discussed, Rockwell 15" x 4" open end T-Brake and Eaton 15" x 4" steering axle shoes, both drilled 1308, have no aftermarket identification. The O.E. Part numbers are A3222Q1837 and 1005840 respectively, and we request that FMSI numbers be assigned to these brake shoes. — S648 S649 Rockwell.

Finally, we wish to express our support for your heavy duty double web brake shoe proposal. In view of new designs to avoid patent infringement coupled with individual manufacturer part number designations predicated upon block descriptions and application suffixes, the brake shoe customer cannot identify their requirements. Although heavy duty vehicle application affords many brake options, surely identification could relate to axle manufacturers with FMSI numbers assigned to the various brake shoes.

Good luck,

Philip E. Church
General Sales Mgr.

PEC:nak
enc:

TELEPHONE (203) 452-1877
FAX (203) 452-7951

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

588 MONROE TURNPIKE
MONROE, CT 06468

July 26, 1991

Mr. Philip Church
Uni-Bond Brake Inc.
1350 Jarvis
Ferndale, MI 48220

Dear Mr. Church:

We have just received the two Rockwell and Eaton shoes which were forwarded by Doug Willsie. We will be making assignments for the shoes as soon as we can draw up sketches for them. We compared the new Eaton segment which we just received to the 1308 segment and the sample shoe, they do not match. Your shoe matches the 1308 segment but the new Eaton 15x4 segment does not match either. Are you aware of a "new" Eaton 15x4 steer axle brake for up to 12,000 pound service, and if you are, can you get a sample shoe? The width spacing of the holes in on 2" center, 14 hole pattern. The hole spacing is uneven with the first set of holes either side of center spaced at 20° 20′ and 16° 33′, the second set either side of center is spaced at 38° 46′ and 34° 59′ and the third set either side of center spaced at 57° 13′ and 53° 26′. The inside lining radius 7.453" (shoe radius?).

Any information you can provide would be appreciated because another 15x4 segment without a matching shoe would only serve to confuse the issue in the aftermarket.

I am working on the lining segment drawings for the 451, 452 and 473 shoe revisions and hopefully will have something soon.

Thank you for your assistance.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

G. N. Laycock
Executive Director

GNL:ld

cc: D. Willsie - ITT - PSD

TELEPHONE (203) 452-1877
FAX (203) 452-7951

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

588 MONROE TURNPIKE
MONROE, CT 06468

June 8, 1990

Mr. Michael Grattan
Uni-Bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

Dear Mr. Grattan:

Thank you for the drawing of the GM 14 x 2 1/2 shoe, drawing number 3873515. For your information the GM kit number for the set of four lined shoes is 15618194. We will be assigning an FMSI number to this shoe and it will be in our next Shoe Bulletin in about two months.

Again, thank you for the drawing. Your assistance is greatly appreciated.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

G. N. Laycock
Executive Director

GNL:ld

FMSI 15256

Uni-Bond Brake, Inc.

1350 JARVIS
FERNDALE, MICHIGAN 48220
(313) 547-3870
FAX (313) 547-5349

PURCHASE ORDER
No. B 1469

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKING SLIPS, CORRESPONDENCE, ETC.

Friction Materials Standards Institute, Inc.
East 210 Route 4
Paramus, NJ 07652

SHIP TO
Uni-Bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

DATE ORDERED	DATE REQUIRED	SHIP VIA	F.O.B.	REQUISITION NO.	TERMS
3-06-89	When Available				

QUANTITY	STOCK NUMBER	DESCRIPTION	PRICE	AMOUNT
24		1989 Supplement to 1988 Automotive Data Book		
		Basic Supplement	$403.00/m	
		5 Hole Punch	9.00/m	

6/16/

PLEASE ENTER OUR ORDER FOR GOODS LISTED ABOVE. NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO COMPLETE BY DATE REQUIRED.

#7957

☐ NOT FOR RESALE ☐ FOR RESALE-TAX NO. _____

ORIGINAL

M. Grattan
AUTHORIZED SIGNATURE

FMSI 15257

INVOICE

FRICTION MATERIALS STANDARDS INSTITUTE

E-210 ROUTE 4 • PARAMUS, NEW JERSEY 07652 • PHONE (201) 845-0440

SOLD TO

Uni-Bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

SHIPPED TO

Same

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.
05-16-89	05-15-89	UPS	P.O. B-1469	St.Clair Shores	Net	005684

QUANTITY	DESCRIPTION	PRICE	AMOUNT
24	1989 Supplement to 1988 Automotive Data Book with 5 hole punch	$.36	$8.64
	UPS Charges		1.64
	Total		$10.28
	Shipment from Printer Plant in St. Clair Shores, MI by UPS on 5/15		

Item # NV-R75 ©Wheeler Group Inc.

THANK YOU

FMSI 15258

Uni-Bond Brake, Inc.

1350 JARVIS
FERNDALE, MICHIGAN 48220
(313) 547-3870

PURCHASE ORDER

No. A 9369

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKING SLIPS, CORRESPONDENCE, ETC.

VENDOR

F.M.S.I.
East 210 Route 4
Paramus, NJ 07652

SHIP TO

Uni-Bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

DATE ORDERED	DATE REQUIRED	SHIP VIA	F.O.B.	REQUISITION NO.	TERMS
2-15-88	ASAP	Bestway			

QUANTITY	STOCK NUMBER	DESCRIPTION	PRICE	AMOUNT
24		1988 Automotive Data Books (All books to have green cover & 5 hole punch)	$1.188/ea	

PLEASE ENTER OUR ORDER FOR GOODS LISTED ABOVE. NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO COMPLETE BY DATE REQUIRED.

7957 (F)

☐ NOT FOR RESALE ☐ FOR RESALE-TAX NO._____

M. Gratton
AUTHORIZED SIGNATURE

ORIGINAL

FMSI 15259

INVOICE

FRICTION MATERIALS STANDARDS INSTITUTE

E-210 ROUTE 4 • PARAMUS, NEW JERSEY 07652 • PHONE (201) 845-0440

SOLD TO

Uni-Bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220
Attn.: M. Grattan

SHIPPED TO

Same

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.
06-01-88	05-05-88	UPS	A-9369	Detroit, MI	Net	005436

QUANTITY	DESCRIPTION	PRICE	AMOUNT
24	1988 Automotive Data Books	$1.16	$27.84
	UPS Charges		3.06
	Total:		$30.90

(F)

Item # NV-R75 ©Wheeler Group Inc.

THANK YOU

FMSI 15260

Unichrome

TELEPHONE (201) 845-0440

FRICTION MATERIALS STANDARDS INSTITUTE, INC.
BERGEN MALL OFFICE CENTER
E. 210 ROUTE 4
PARAMUS, N. J. 07652

March 7, 1988

Mr. Jack McConnell
Uni-bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

Dear Jack:

Enclosed are some of the prints we discussed today.

D50 This is the steel for 788, 7013A. The inner is the steel used for FMSI 788 lining; The only difference for the inner when used for 7013A is the lining drilling. I believe most use the 788 drilling on the inner in the aftermarket.

D77 The steel used for FMSI 7010 lining.

D85 I have the undrilled steel for the 7018 lining only. I do not have steel drilled prints for 7018A

D86 I am enclosing both drilled and undrilled steel for the 7019 lining. The drilled steel is Aimco's pattern for the aftermarket. In addition, I am sending the D123, below, which is the steel for the 7019A lining, an OEM drilled version of 7019A.

D123 The OEM drilled steel for 7019A

D89 These drawings for 7024A had dimensions blacked out by steel source. I am also sending copies of D129, which were used for 7024B lining.

D129 These are for the 7024B as noted above.

D202 These are for the FMSI 7070A lining. As provided by Delco, they do not give shoe details.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

Uni bond

TELEPHONE (201) 845-0440

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER
E. 210 ROUTE 4
PARAMUS, N. J. 07652

May 14, 1987

Mr. R. J. Bracali
Tweddle Litho Company
24000 Harper Avenue
St. Clair Shores, MI 48080

Dear Ron:

When I sent along the list of orders for the 1987 Supplement, I also sent a list of small orders for you to send out, and on which we would do the billing. I have an additional small order that just came in, and would like you to handle it out of Detroit.

Please ship 50 copies of the new 1987 Supplement to:

Uni-bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220
Attn.: Jack McConnell

5/19
1.62

As this is in the Detroit area, you might either ship it yourself by Tweddle Truck or use UPS. In any event, when you have made the shipment, please advise date shipped, how shipped and the shipping charges. Thanks.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

Pd 6/15/87

(T)

INVOICE

FRICTION MATERIALS STANDARDS INSTITUTE

E-210 ROUTE 4 • PARAMUS, NEW JERSEY 07652 • PHONE (201) 845-0440

SOLD TO

Uni-bond Brake Inc.
1350 Jarvis
Ferndale, MI 48220
Attn.: Jack McConnell

SHIPPED TO

Same

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.
05-29-87	05-19-87	UPS	Jack McConnell	St.Clair Shores	Net	005181

QUANTITY	DESCRIPTION	PRICE	AMOUNT
50	1987 Supplement to the 1986 Automotive Data Book with 5 hole punch	.265ea	$13.25
	UPS Charges		1.82
	Total		$15.07
	Telephone order from Jack McConnell 5/14/87. Catalogs shipped from Tweddle Litho, St. Clair Shores, MI		

T

Item # NV-R75 ©Wheeler Group Inc.

FMSI 15263

Uni-Bond Brake, Inc.

1350 JARVIS
FERNDALE, MICHIGAN 48220
(313) 547-3870

PURCHASE ORDER
No. A 7327

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKING SLIPS, CORRESPONDENCE, ETC.

VENDOR
Friction Materials Std. Institute, Inc.
East 210 - Route 4
Paramus, NJ 07652

SHIP TO
Uni-Bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

DATE ORDERED	DATE REQUIRED	SHIP VIA	F.O.B.	REQUISITION NO.	TERMS
2-7-86	ASAP				

QUANTITY	STOCK NUMBER	DESCRIPTION	PRICE	AMOUNT
12		1986 Automotive Data Books	$.964/ea	

PLEASE ENTER OUR ORDER FOR GOODS LISTED ABOVE. NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO COMPLETE BY DATE REQUIRED.

7957

☐ NOT FOR RESALE ☐ FOR RESALE-TAX NO. _____

ORIGINAL

AUTHORIZED SIGNATURE

FMSI 15264

INVOICE

FRICTION MATERIALS STANDARDS INSTITUTE

P-210 ROUTE 4 • PARAMUS, NEW JERSEY 07652 • PHONE (201) 845-0440

SOLD TO

Unibond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

SHIPPED TO

Same

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO	F.O.B.	TERMS	INVOICE NO
05-08-86	05-08-86	Parcel Post	A 7327	Paramus	Net	004817

QUANTITY	DESCRIPTION	PRICE	AMOUNT
12	1986 Automotive Data Book (No punch)	$.94 each	$9.40
	Parcel Post Charges		3.65
	Total		$13.05

J

Item # NV-R75 ©Wheeler Group Inc.

THANK YOU

FMSI 15265

ORIGINAL PURCHASE ORDER

No. A 6546

Uni-Bond Brake, Inc.

1350 JARVIS
FERNDALE, MICHIGAN 48220
(313) 547-3870

DATE 3-6-85

TO
Tweddle Litho Co.
24000 Harper Ave.
St. Clair Shores, MI 48080

SHIP TO
Uni-Bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

SHIP TO ABOVE UNLESS OTHERWISE INDICATED HERE

SHIP VIA	F. O. B.	TERMS	DELIVERY REQUIRED	JOB OR REQ. NO.
				MG

QUANTITY	DESCRIPTION	PRICE	UNIT	AMOUNT
12	1985 suppplements to 1984 Automotive Data Book	$.235/ea		

(V)

IMPORTANT

ABOVE ORDER NUMBER MUST APPEAR ON ALL CORRESPONDENCE, INVOICES, PACKAGES AND SHIPPING PAPERS. NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO SHIP COMPLETE ORDER BY DATE SPECIFIED. YOUR ACCEPTANCE OF THIS ORDER IS YOUR WARRANTY TO US THAT YOU ARE COMPLYING WITH THE U. S. FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED, AND WE RESERVE THE RIGHT TO REFUSE MERCHANDISE NOT IN STRICT ACCORDANCE WITH THIS ORDER.

7957

By M. Gratton

FMSI 15266

INVOICE

FRICTION MATERIALS STANDARDS INSTITUTE

P.O. BOX 4 • PARAMUS, NEW JERSEY 07652 • PHONE (201) 843-0440

SOLD TO

Uni-Bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

SHIPPED TO

Same

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.
05-06-85	05-06-85	Parcel Post	A-6546	Paramus	Net	004658

QUANTITY	DESCRIPTION	PRICE	AMOUNT
12	1985 Supplement to the 1984 Automotive Data Book	.244 ea	$2.93
	Parcel Post		1.66
	Total		$4.59
	Uni-Bond Purchase Order A6546 of March 6, 1985		

Item # NV-R75 ©Wheeler Group Inc.

THANK YOU

FMSI 15267

ORIGINAL PURCHASE ORDER

No. A 5793

Uni-Bond Brake, Inc.

1350 JARVIS
FERNDALE, MICHIGAN 48220
(313) 547-3870

DATE 2-22-84

TO
Tweddle Litho Co.
24000 Harper
St. Clair Shoes, MI 48080

SHIP TO
Uni-Bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

SHIP TO ABOVE UNLESS OTHERWISE INDICATED HERE

SHIP VIA	F.O.B.	TERMS	DELIVERY REQUIRED	JOB OR REQ. NO.
				MG

QUANTITY	DESCRIPTION	PRICE	UNIT	AMOUNT
12	1984 Automotive Data Books	$.901/each		

(L)

IMPORTANT 9083

ABOVE ORDER NUMBER MUST APPEAR ON ALL CORRESPONDENCE, INVOICES, PACKAGES AND SHIPPING PAPERS. NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO SHIP COMPLETE ORDER BY DATE SPECIFIED. YOUR ACCEPTANCE OF THIS ORDER IS YOUR WARRANTY TO US THAT YOU ARE COMPLYING WITH THE U. S. FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED, AND WE RESERVE THE RIGHT TO REFUSE MERCHANDISE NOT IN STRICT ACCORDANCE WITH THIS ORDER.

By

FMSI 15268

INVOICE

FRICTION MATERIALS STANDARDS INSTITUTE

E-210 ROUTE 4 • PARAMUS, NEW JERSEY 07652 • PHONE (201) 845-0440

SOLD TO

Uni-bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

Attn.: Michael Grattan

SHIPPED TO

Same

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.
06-06-84	06-06-84	Parcel Post	A5793	Paramus	Net	004444

QUANTITY	DESCRIPTION	PRICE	AMOUNT
12	1984 Automotive Data Books	.901	$10.81
	Add Parcel Post Charges		2.75
	Total		$13.56

L

Item # NV-R75 ©Wheeler Group Inc.

THANK YOU

FMSI 15269

Uni-Bond Brace

NEW MEMBER CHECK LIST

NOV 23 1983

Name and Address: Mr Michael Gratton
Uni-bond Brace, Inc
1350 Jarvis
Ferndale, MI 48220

		Initials	Date
1.	Write letter advising new Member of acceptance	Cwe	NOV 08 1983
2.	Advise Membership of acceptance of new Member	Cwe	NOV 23 1983
3.	Set up ledger card for new Member in Accounts Receivable	AR	NOV 10 1983
4.	Make up file folder for new Member with index tab	AR	NOV 10 1983
5.	Add name and address for new Member on Address Label Matrix	Cwe	NOV 08 1983
6.	Add name and address for new Member in appropriate Data Book and Shoe Bulletin matrix	Cwe	NOV 08 1983
7.	File appropriate correspondence on gaining Membership in file folder or ballot folder	Cwe	NOV 10 1983

Type of Membership Licensed

FMSI 15270

Uni bond Brake

TELEPHONE (201) 845-0440

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER
E. 210 ROUTE 4
PARAMUS, N. J. 07652

November 8, 1983

Mr. Michael Grattan
Uni-bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

Dear Mr. Grattan:

This is to let you know that the Board of Directors have now completed the mail ballot, and that Uni-bond Brake has been voted into Licensee Membership in the Institute. Your Membership will be effective as of this date.

As a Licensee you are entitled to purchase Institute catalogs and certain prints applicable to brake shoe manufacturing. You also have specific rights on use of the Institute's copyrights and trademarks in marketing products of your manufacture.

I will put your name on our mailing list for our technical bulletins which include brake shoe prints (often silhouettes) when released. If you would rather have someone else at Uni-bond on this mailing list, please let me know. I can send copies of the technical bulletins to more than one individual at your company, but the gratis prints go only to one addressee.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

EWD/e

FRICTION MATERIALS STANDARDS INSTITUTE, INC., EAST 210 ROUTE 4, PARAMUS, NJ 07652

B U L L E T I N

N O. 7 7 2

September 28, 1983

LICENSEE APPLICATION FILED BY UNI-BOND BRAKE, INC., OF FERNDALE, MICHIGAN

This is to advise the Membership that we have received an application from Uni-bond Brake, Inc. of Ferndale, Michigan to participate as an Institute Licensee.

We had been advised earlier that Uni-bond Brake had been using the FMSI Numbers in marketing their brake shoes. These shoes are primarily for air brake applications, and the FMSI block designation (4515, 4551, etc.) was being used to denote the brake shoe. We wrote Uni-bond Brake on this and have now received their application. That application is now being reviewed by the Membership Committee before balloting by the Board of Directors.

If any Member knows of any background that either supports or counters this application, please send your comments to the Institute Office. It would appear from the application, that Uni-bond Brake is eligible to serve as a Licensee. We had been advised by one of our Members that Uni-bond was a manufacturer of brake shoes, and were sent copies of their sales literature indicating usage of the FMSI Numbers.

The foregoing is sent as a matter of information and to solicit any background material on the applicant.

E. W. Drislane
Executive Director

EWD/dr

copies: Delegates & Alternates

TELEPHONE (201) 845-0440

FRICTION MATERIALS STANDARDS INSTITUTE, INC.
BERGEN MALL OFFICE CENTER
E. 210 ROUTE 4
PARAMUS, N. J. 07652

September 26, 1983

Mr. Michael Grattan
Uni-bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

Dear Mr. Grattan:

This is to acknowledge receipt of your application for Licensee Membership in the Institute, as well as your check for $600. Thank you.

The application will now be processed through our Membership Committee and the Board of Directors. It should take about four to six weeks to process

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

EWD/e

CHECK NO.	GROSS AMOUNT		✓	OTHER DEDUCTIONS	% DISC.	DISCOUNT	NET CHECK			NAME
2763							600 00			Friction Materials Standards Institute

DETACH THIS STUB BEFORE CASHING

UNI-BOND BRAKE, INC. – FERNDALE, MI 48220

FMSI 15273

(U)

TELEPHONE (201) 845-0440

FRICTION MATERIALS STANDARDS INSTITUTE, INC.
BERGEN MALL OFFICE CENTER
E. 210 ROUTE 4
PARAMUS, N. J. 07652

September 9, 1983

Uni-bond Brake, Inc.
1350 Jarvis
Ferndale, MI 48220

Attention: Sales/Marketing Manager

Gentlemen:

I'm sure you're aware of the Friction Materials Standards Institute (FMSI) and its catalogs and FMSI Numbers used in the brake aftermarket. One of our Members, a brake lining manufacturer who purchases shoes from you, recently sent along a copy of a Uni-bond Brake price sheet. A copy is enclosed. While both FMS and FMSI are registered trademarks, the FMSI Numbering System, the numbers themselves and the bulletins and catalogs in which they appear are copyrighted. We ordinarily grant permission for use of our copyrighted materials to Members of the Institute.

It is my understanding that Uni-bond is a manufacturer of brake shoes, and as such it would be eligible for Licensee Membership in the Institute. A list of Licensees and other Members, as well as some background on the Institute is described in the enclosed literature. For reference, I am enclosing the following:

1 copy - Constitution and By-Laws
2 copies - Application for Licensee Membership
1 copy - Booklet - Friction Materials Standards Institute
1 copy - List of Membership

If Uni-bond were a Licensee Member of the Institute, we would grant permission for use of the copyrighted materials including FMSI Numbering System and the numbers themselves. While we do not have specific prints on the large brake shoes used on Timken, Eaton, Standard Forge and other brake and axle manufacturer's products, we can make prints available on the brake blocks themselves--such as FMSI 4515, 4515E, 4515G, 4602, etc. These prints could assist in detailing drilling locations, inside radii, etc. If Uni-bond were a Licensee, it would be able to purchase Institute catalogs, prints of blocks applicable to the shoe sizes in your line, etc.

Most brake shoe suppliers use our copyrighted numbering system and the FMSI Numbers to identify parts on price lists, catalogs, sales literature, etc. The system was set-up to help suppliers, rebuilders and installers in the aftermarket. As indicated, the numbers and systems are copyrighted and FMS and FMSI are registered trademarks of the Friction Materials Standards Institute. Licensees and their customers are given permission to use FMSI numbers on their products, sales literature, etc.

The annual fee for a Licensee is $600. While we have maintained a stable dues level for several years, there is the possibility of increases in the future.

We believe that Licensee Membership would be of value to Uni-bond, if for no other reason than permission to use the copyrighted FMSI Numbers and numbering systems. If you wish to apply, please have one application copy completed and sent to the Institute with a check for $600. This $600 would be applied to the first year's dues. If, for some reason, the application were not accepted, the $600 would be refunded. Our fiscal year runs from July 1 to June 30. The Annual Fee is applied to the full fiscal year--we do not prorate.

If you will not be applying for Licensee Membership, we must ask you to discontinue use of the FMSI Numbers in your price lists and other sales literature. If there are any questions, please give me a call.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

Edward W. Drislane
Executive Director

EWD/dr
Enclosures

Uni-bond BRAKE, INC.
1350 JARVIS, FERNDALE, MICHIGAN, 48220, (313) 547-3870

DEC. 1982

NEW UNLINED TRUCK & TRAILER BRAKE SHOES
DISTRIBUTORS CONFIDENTIAL NET PRICE

DESCRIPTION

UNI-BOND PART NO.	SHOE SIZE	RIVET SIZE	HOLE PATTERN	QUANTITY 1 to 120	QUANTITY 120 to 480	QUANTITY 480 to 1680
4515 T	16 1/2 x 7"	3/16"	24	$8.80	$7.95	$6.95
4515 ET	16 1/2 x 7"	1/4"	32	$8.80	$7.95	$6.95
4515 ZT	16 1/2 x 7"	3/16"	24	$8.80	$7.95	$6.95
4515 EZT	16 1/2 x 7"	1/4"	32	$8.80	$7.95	$6.95
4515 F	16 1/2 x 7"	3/16"	24	$8.80	$7.95	$6.95
4515 EF	16 1/2 x 7"	1/4"	32	$8.80	$7.95	$6.95
4600 F	16 1/2 x 7"	3/16"	24	$8.80	$7.95	$6.95
4600 EF	16 1/2 x 7"	1/4"	32	$8.80	$7.95	$6.95
4515 ZF	16 1/2 x 7"	3/16"	24	$9.65	$8.95	$7.45
4515 EZF	16 1/2 x 7"	1/4"	32	$9.65	$8.95	$7.45
4551 T	16 1/2 x 8 5/8"	3/16"	24	$15.15	$14.55	$13.95
4551 ET	16 1/2 x 8 5/8"	1/4"	32	$15.15	$14.55	$13.95
4551 ZT	16 1/2 x 8 5/8"	3/16"	24	$15.15	$14.55	$13.95
4551 EZT	16 1/2 x 8 5/8"	1/4"	32	$15.15	$14.55	$13.95
4551 F (L)	16 1/2 x 8 5/8"	3/16"	24	$15.15	$14.55	$13.95
4551 F (R)	16 1/2 x 8 5/8"	3/16"	24	$15.15	$14.55	$13.95
4551 EF (L)	16 1/2 x 8 5/8"	1/4"	32	$15.15	$14.55	$13.95
4551 EF (R)	16 1/2 x 8 5/8"	1/4"	32	$15.15	$14.55	$13.95
4551 ZF (L)	16 1/2 x 8 5/8"	3/16"	24	$15.15	$14.55	$13.95
4551 ZF (R)	16 1/2 x 8 5/8"	3/16"	24	$15.15	$14.55	$13.95
4551 EZF (L)	16 1/2 x 8 5/8"	1/4"	32	$15.15	$14.55	$13.95
4551 EZF (R)	16 1/2 x 8 5/8"	1/4"	32	$15.15	$14.55	$13.95
4311 J	16 1/2 x 7"	1/4"	28	$15.15	$14.55	$13.95
4602 S.M.	15 x 7"	1/4"	24	$10.45	$9.75	$9.15
4605 S.M.	15 x 6"	1/4"	16	$10.45	$9.75	$9.15

FOR INQUIRIES ON QUANTITIES OVER 1680 CONTACT:

ALL PRICES ARE F.O.B. FERNDALE, MI. ALL TAXES EXTRA
TERMS ARE NET 30 DAYS
15% HANDLING CHARGE ON ALL RETURNS

All F.M.S.I. numbers are reserved by the F.M.S.I., Inc., and are protected by copyright.

FRICTION MATERIALS STANDARDS INSTITUTE, INC., EAST 210 ROUTE 4, PARAMUS, NJ 07652

September 27, 1983

To: Membership Committee

Subject: Licensee Application filed by Uni-bond Brake, Inc. of Ferndale, Michigan

MEMBERSHIP OF COMMITTEE

In July of this year the Thiokol Membership was assumed by a successor corporation, Friction Division Products, Inc. John Gallagher of Thiokol who had served on this Committee is not with the successor corporation. After review with Mr. Nelson, President, Mr. Phil Dougherty of Friction Division Products was asked to serve on the Committee and has accepted. The Committee makeup is now:

Mr. Stuart Comins, P. T. Brake Lining Co., Chairman
Mr. Rob Nelson, Nuturn Corporation, Member
Mr. Phil Dougherty, Friction Division Products, Member

UNI-BOND BRAKE, INC. OF FERNDALE, MICHIGAN

We were advised in July that Uni-Bond Brake, Inc. was using the FMSI Numbers for marketing brake shoes of their manufacture. They are involved primarily in the heavy duty side of the market and would use the FMSI Block Numbers such as 4515, 4551 and the like to indicate the brake shoe. After gathering information showing this usage, I wrote them in early September concerning use of the FMSI Numbers and invited their application as a Licensee. Their application has now been received along with the necessary prepayment of the first year's annual fee. There is no question but that they are a manufacturer of brake shoes, but this does not preclude their acting in other capacities such as rebuilding, etc.

Mr. Michael Grattan is President of Uni-Bond Brake. The application appears to be in good order. Based on our Constitution and By-Laws, they are eligible to serve as a Licensee. Would you please review this application and return the enclosed ballot. While The Board of Directors will have the final vote on this Licensee application, your vote is important to make a preliminary assessment of applicant's eligibility.

E. W. Drislane
Executive Director

EWD/dr

FRICTION MATERIALS STANDARDS INSTITUTE, INC., EAST 210 ROUTE 4, PARAMUS, NJ 07652

M E M B E R S H I P

C O M M I T T E E

B A L L O T

Friction Materials Standards Institute
East 210 Route 4
Paramus, NJ 07652

Subject: Licensee Application filed by Uni-Bond Brake, Inc. of Ferndale, Michigan

Gentlemen:

My recommendation on approval of the Licensee application filed by Uni-bond Brake, Inc. of Ferndale, Michigan is:

APPROVE (_____) DISAPPROVE (_____)

By: _____

Company: _____

Date: _____

FMSI 15278

FRICTION MATERIALS STANDARDS INSTITUTE, INC., EAST 210 ROUTE 4, PARAMUS, NJ 07652

M E M B E R S H I P

C O M M I T T E E

B A L L O T

Friction Materials Standards Institute
East 210 Route 4
Paramus, NJ 07652

Subject: Licensee Application filed by Uni-Bond Brake, Inc. of Ferndale, Michigan

Gentlemen:

My recommendation on approval of the Licensee application filed by Uni-bond Brake, Inc. of Ferndale, Michigan is:

APPROVE (✓) DISAPPROVE ( )

By: [signature]

Company: PT Brake Lining Co Inc

Date: 10/28/83

FMSI 15279

FRICTION MATERIALS STANDARDS INSTITUTE, INC., EAST 210 ROUTE 4, PARAMUS, NJ 07652

ROB NELSON
SEP 30 1983

M E M B E R S H I P

C O M M I T T E E

B A L L O T

Friction Materials Standards Institute
East 210 Route 4
Paramus, NJ 07652

Subject: Licensee Application filed by Uni-Bond Brake, Inc. of Ferndale, Michigan

Gentlemen:

My recommendation on approval of the Licensee application filed by Uni-bond Brake, Inc. of Ferndale, Michigan is:

APPROVE (✓) DISAPPROVE ( )

By: Rob Nelson

Company: Nutra Corp.

Date: 10/3/83

FMSI 15280

FRICTION MATERIALS STANDARDS INSTITUTE, INC., EAST 210 ROUTE 4, PARAMUS, NJ 07652

M E M B E R S H I P

C O M M I T T E E

B A L L O T

Friction Materials Standards Institute
East 210 Route 4
Paramus, NJ 07652

Subject: Licensee Application filed by Uni-Bond Brake, Inc. of Ferndale, Michigan

Gentlemen:

My recommendation on approval of the Licensee application filed by Uni-bond Brake, Inc. of Ferndale, Michigan is:

APPROVE (✓) DISAPPROVE ( )

By: Philip H Dougherty

Company: Friction Div. Products Inc

Date: 10/6/83

FMSI 15281

APPLICATION FOR MEMBERSHIP

TO THE BOARD OF DIRECTORS OF
FRICTION MATERIALS STANDARDS INSTITUTE, INC.

Gentlemen:

The undersigned, a manufacturer of brake shoes, hereby applies for membership in the FRICTION MATERIALS STANDARDS INSTITUTE, INC., as a Licensee and certifies to the following:

1. Name of applicant: Uni-bond Brake, Inc.
2. Date and place of incorporation: October, 1982 - Ferndale, MI 48220 (Previously known as Uni-bond, Inc. 1968 - September, 1982)
3. Principal office: 1350 Jarvis - Ferndale, MI
4. Length of time manufacturing brake shoes: 1 yrs.
5. Do you manufacture brake shoes from the basic materials: Yes
6. Approximate annual brake shoe manufacturing capacity of plant: 1 million units (Includes O.E. Accounts)
7. State approximate number of square feet devoted to brake shoe manufacturing: 72,000 sq. ft.
8. State approximate number of unlined shoes manufactured and sold as unlined brake shoes: 250,000 - 500,000 shoes
9. How many different brake shoe set numbers do you manufacture other than shoes which you recondition or remanufacture: Approximately 50
10. Is the distribution of your product national, international or local or in how many states: National - 50 states & Canada
11. Do you list the brake shoes you manufacture in catalogs or in some other form. If so, please attach a copy of same: Price sheets & brochures (current data is being updated and will be forwarded.)
12. Please furnish three credit references:
    Acme Rivet & Machine 1200 Hendricks Causeway, Ridgefield, NJ 07657
    Michigan Glove Renovating, 13325 Capital, Oak Park, MI 48237
    Buff Whelan Chevrolet - VanDyke at 18 Mile Rd., Sterling Hts., MI 48078
13. Is plant owned by applicant or leased: Applicant owned

The undersigned hereby acknowledges receipt of a copy of the Constitution and By-Laws of the Institute and agrees that, if elected to membership, it will accept and be bound by the said Constitution and By-Laws, together with any amendments that may, from time to time, be made thereto.

BY Michael Grattan
President