

APPENDIX F

Delphi SL1 Sound Specification – [Supplier](#)

SUPPLIER'S SOUND DATA FORM and CERTIFICATION SHEET

To be completed by Delphi:

Issued By: Plant _____ Division _____
Address _____

Supplier must complete and submit to the engineer responsible for equipment acceptance the information and data requirements --- Sections A, B, C, D, E of this form prior to machine/equipment shipment and/or acceptance by Delphi.

A. MACHINE SPECIFICATIONS

Manufacturer: _____
Machine/Equipment Description: _____
Identification/Model Number: _____
Purchase Order No. _____ Capital Tag No. _____
Type _____ Model No. _____
Serial No. _____ Size _____ Capacity _____
Speed (rpm) _____ B.H.P. _____ Auxiliaries _____

B. INSTRUMENTATION USED FOR CERTIFICATION

	MODEL	SERIAL NO.	Certified Calibration Date
SOUND LEVEL METER	_____	_____	_____
MICROPHONE	_____	_____	_____
IMPACT METER	_____	_____	_____
OTHER	_____	_____	_____

C. CERTIFICATION

The undersigned certifies that the above equipment was tested in accordance with the DELPHI SL-1 SOUND LEVEL SPECIFICATION FOR THE PURCHASE OF MACHINERY AND EQUIPMENT, latest revision.

SOUND LEVEL/SOUND POWER LEVEL QUOTED & ACCEPTED = _____ dBA (TWA)
MEASURED MACHINE SOUND LEVEL/SOUND POWER LEVEL = _____ dBA (TWA)

DATE _____ SIGNED _____
TITLE _____ COMPANY _____

APPENDIX F, cont.
Delphi SL1 Sound Specification – [Supplier](#)

D. SKETCH OF MACHINE AND MEASUREMENT ENVELOPES

TEST LOCATION _____

TEST SPACE DESCRIPTION:

Cut/Paste Equipment Layout or Diagram:

APPENDIX F, cont.
Delphi SL1 Sound Specification – Supplier

E. TEST DATA

MACHINE NAME: _____ Capital Tag No. _____
 OBSERVER: _____ Date Observed: _____

Ambient Conditions (Describe)

TEST POINT	AMBIENT dB(A) SLOW	MINIMUM dB(A) SLOW	MAXIMUM dB(A) SLOW	IMPULSE PEAK dB	FREQUENCY IMPUSES per Hour	MEASURED dB(A) STEADY STATE (time weighted average)	CORRECTED dB(A) STEADY STATE (time weighted average)
1							
2							
3							
4							
5							

max >

Load Conditions No 1 (Describe)

TEST POINT	AMBIENT dB(A) SLOW	MINIMUM dB(A) SLOW	MAXIMUM dB(A) SLOW	IMPULSE PEAK dB	FREQUENCY IMPUSES per Hour	MEASURED dB(A) STEADY STATE (time weighted average)	CORRECTED dB(A) STEADY STATE (time weighted average)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

max >

Load Conditions No 2 (Describe)

TEST POINT	AMBIENT dB(A) SLOW	MINIMUM dB(A) SLOW	MAXIMUM dB(A) SLOW	IMPULSE PEAK dB	FREQUENCY IMPUSES per Hour	MEASURED dB(A) STEADY STATE (time weighted average)	CORRECTED dB(A) STEADY STATE (time weighted average)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

max >

APPENDIX F, cont.
Delphi SL1 Sound Specification – Supplier

Load Conditions No 3 (Describe)							
TEST POINT	AMBIENT dB(A) SLOW	MINIMUM dB(A) SLOW	MAXIMUM dB(A) SLOW	IMPULSE PEAK dB	FREQUENCY IMPUSES per Hour	MEASURED dB(A) STEADY STATE (time weighted average)	CORRECTED dB(A) STEADY STATE (time weighted average)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
max >							

Load Conditions No 4 (Describe)							
TEST POINT	AMBIENT dB(A) SLOW	MINIMUM dB(A) SLOW	MAXIMUM dB(A) SLOW	IMPULSE PEAK dB	FREQUENCY IMPUSES per Hour	MEASURED dB(A) STEADY STATE (time weighted average)	CORRECTED dB(A) STEADY STATE (time weighted average)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
max >							

BASIS FOR TIME-WEIGHTED AVERAGING	• Integrating Exchange Rate:	dB
	• Lower Limit Threshold Cutoff	dB

This Data Form follows the guidelines recommended in "NMTBA Noise Measurement Techniques" Second Edition, January 1976