SITE survey. APP

SITE SURVEY REPORT

Hearing Conservation Program

Prepared for	Maumee Bend Stamping Inc.
Date	14 Oct 2026
Site	Maumee Bend Stamping, Toledo, OH
Prepared by	K. Lindqvist

FORM

Hearing Conservation Program

1. Program, employer and audiometric provider

Project	Maumee Bend Stamping, Toledo, OH: hearing conservation program (completed example)
Site address	2250 Ironside Road, Toledo, OH 43607
Site or owner	Maumee Bend Stamping Inc.
Location (GPS)	41.6312, -83.6015
Program review date	14 Oct 2026
Reviewed by	K. Lindqvist
Employer	Maumee Bend Stamping Inc.
Person running the program	K. Lindqvist, EHS coordinator
Audiometric testing provider	Lakeshore Occupational Hearing (mobile test van)
Tests performed by	Technician (CAOHC certified or shown competent), responsible to an audiologist, otolaryngologist or physician
Are mobile test vans used for audiograms?	Yes
Audiometric testing and hearing protectors provided at no cost to employees?	Yes
Next program review due	13 Oct 2027

When a hearing conservation program is needed (29 CFR 1910.95(c)). Whenever employee noise exposure equals or exceeds an 8-hour time-weighted average (TWA) of 85 dBA, or a dose of 50 percent: the action level. Exposure is worked out without counting any hearing protector. The program covers monitoring, employee notification, audiometric testing, hearing protectors, attenuation, training, access to information and records (1910.95(c) to (m)). Separately, where sound exceeds Table G-16 (90 dBA for 8 hours), feasible engineering or administrative controls are used first, and hearing protectors where they do not bring levels within the table (1910.95(b)(1)).

2. Noise monitoring by area and job

Monitor when information shows any employee may be exposed at or above 85 dBA TWA, to find who belongs in the program and to choose hearing protectors. Repeat it when a change in production, process, equipment or controls increases exposure so that more employees may reach the action level, or the protectors in use may no longer be enough (1910.95(d)).

Areas and jobs 1: Press line 1

Area or job	Press line 1
Jobs and tasks here	Press operators, die setters
Main noise sources	Four 200-ton mechanical presses, air blow-off on the dies, parts dropping into steel tote bins.
Employees who work here	9
How it was measured	Personal dosimetry
Measured on	6 Oct 2026
Measured by	K. Lindqvist
Instrument	Personal noise dosimeters D-1 to D-3, field calibrated before and after
Instrument calibrated for this measurement?	Yes
Measured 8-hour TWA (dBA)	92.4
Result against the limits	Above 90 dBA: above the Table G-16 limit for 8 hours
Highest impulse or impact peak (dB), if measured	128
Employees at or above 85 dBA told the results?	Yes
Employees or their representatives offered the chance to watch the measurements?	Yes
Engineering or administrative controls in place or planned	Quieter air nozzles fitted on presses 1 and 2 in September. Rubber liners ordered for the part tote bins. Operators rotate to pack-out for the last two hours of the shift.

> Above the Table G-16 limit: use feasible engineering or administrative controls; if they do not bring levels within the table, provide hearing protectors and make sure they are worn (1910.95(b)(1), (i)(2)(i)).

Hearing protectors required in this area?	Yes
NRR of the hearing protector used here	29
Appendix B method used for the estimate	A-weighted TWA or level (subtract the NRR minus 7)
Estimated TWA under the protector (dBA)	70.4
Protector adequacy	Brings exposure to 85 dBA or below

Photos of the area and noise sources

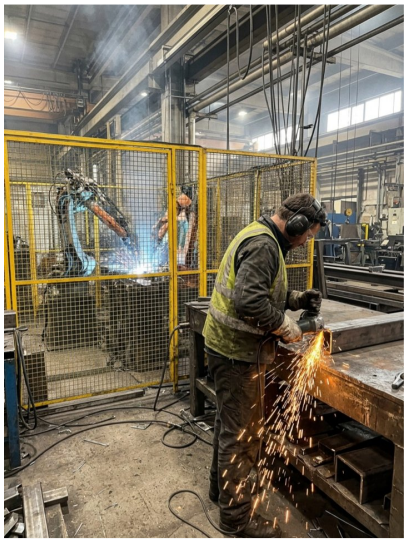


Areas and jobs 2: Weld cell

Area or job	Weld cell
Jobs and tasks here	Robot weld tenders, manual welders
Main noise sources	Grinding of weld spatter, robot clamps, fixture air.
Employees who work here	4
How it was measured	Personal dosimetry
Measured on	7 Oct 2026
Measured by	K. Lindqvist
Instrument	Personal noise dosimeter D-2, field calibrated before and after
Instrument calibrated for this measurement?	Yes
Measured 8-hour TWA (dBA)	86.8
Result against the limits	At or above the action level (85 dBA): in the program
Employees at or above 85 dBA told the results?	Yes
Employees or their representatives offered the chance to watch the measurements?	Yes
Hearing protectors required in this area?	Yes
NRR of the hearing protector used here	25
Appendix B method used for the estimate	A-weighted TWA or level (subtract the NRR minus 7)

Estimated TWA under the protector (dBA)	68.8
Protector adequacy	Brings exposure to 85 dBA or below

Photos of the area and noise sources



Areas and jobs 3: Shipping dock

Area or job	Shipping dock
Jobs and tasks here	Shipping clerks, forklift drivers
Main noise sources	Forklifts, dock doors, banding tools.
Employees who work here	5
How it was measured	Area monitoring with a sound level meter
Measured on	7 Oct 2026
Measured by	K. Lindqvist
Instrument	Type 2 sound level meter SLM-1, calibrator checked
Instrument calibrated for this measurement?	Yes
Measured 8-hour TWA (dBA)	81.2
Result against the limits	Below the action level (85 dBA)
Employees or their representatives offered the chance to watch the measurements?	Yes
Areas measured	3
At or above 85 dBA	2
Above 90 dBA	1

Results not yet given to employees	0
Protector estimate above 90 dBA	0
Measurements without a calibrated instrument	0
Peaks above 140 dB	0

3. Employees in the program and audiometric testing

> Audiometric testing is made available to every employee at or above 85 dBA TWA: a baseline within 6 months of first exposure at or above the action level (within 1 year where mobile test vans are used), then at least once a year, each compared with the baseline (1910.95(g)).

Employees in the hearing conservation program 1: D. Okafor

Employee (name or ID)	D. Okafor
Job classification	Press operator
Area or job group	Press line 1
Most recent exposure assessment (8-hour TWA, dBA)	92.4
First exposure at or above 85 dBA	8 Apr 2019
Baseline audiogram	20 May 2019
Days from first exposure to baseline	42
Baseline within 6 months of first exposure (1 year with a mobile test van)?	Yes
Most recent audiogram	19 Aug 2025
Days since the most recent audiogram	421
Annual audiogram	Overdue: more than a year

> More than a year since the last audiogram. A new audiogram is obtained at least annually after the baseline for each employee at or above 85 dBA TWA (1910.95(g)(6)).

Examiner	Lakeshore van technician, P. Arendt
Most recent audiogram compared with the baseline	No standard threshold shift
Hearing protector worn	Foam earplugs
Last hearing conservation training	14 Apr 2026
Days since training	183

Notes	Missed the August 2026 van visit (on vacation). Not rebooked.

Employees in the hearing conservation program 2: R. Castillo

Employee (name or ID)	R. Castillo
Job classification	Press operator
Area or job group	Press line 1
Most recent exposure assessment (8-hour TWA, dBA)	91.8
First exposure at or above 85 dBA	7 Jun 2021
Baseline audiogram	14 Jul 2021
Days from first exposure to baseline	37
Baseline within 6 months of first exposure (1 year with a mobile test van)?	Yes
Most recent audiogram	18 Aug 2026
Days since the most recent audiogram	57
Annual audiogram	Within the last year
Examiner	Lakeshore van technician, P. Arendt
Most recent audiogram compared with the baseline	Standard threshold shift (STS)
STS determined on	27 Aug 2026
Employee told in writing on	2 Sep 2026
Days to tell the employee	6
Follow-up after the STS	Refitted and retrained, with protectors of greater attenuation if necessary, Referred for a clinical audiological evaluation or otological examination
STS follow-up complete?	Yes
Hearing protector worn	Earmuffs (changed from foam plugs after the STS)
Last hearing conservation training	14 Apr 2026
Days since training	183
Notes	Audiologist review on 22 Sept: STS confirmed as persistent.

Employees in the hearing conservation program 3: T. Nguyen

Employee (name or ID)	T. Nguyen

Job classification	Welder
Area or job group	Weld cell
Most recent exposure assessment (8-hour TWA, dBA)	86.8
First exposure at or above 85 dBA	15 Apr 2024
Baseline audiogram	10 Jun 2024
Days from first exposure to baseline	56
Baseline within 6 months of first exposure (1 year with a mobile test van)?	Yes
Most recent audiogram	18 Aug 2026
Days since the most recent audiogram	57
Annual audiogram	Within the last year
Examiner	Lakeshore van technician, P. Arendt
Most recent audiogram compared with the baseline	No standard threshold shift
Hearing protector worn	Pre-molded earplugs
Last hearing conservation training	14 Apr 2026
Days since training	183

Employees in the hearing conservation program 4: M. Brandt

Employee (name or ID)	M. Brandt
Job classification	Die setter
Area or job group	Press line 1
Most recent exposure assessment (8-hour TWA, dBA)	92.4
First exposure at or above 85 dBA	3 Aug 2026
Baseline within 6 months of first exposure (1 year with a mobile test van)?	Not done yet
Days since first exposure	72

> Until the baseline is done: where it comes more than 6 months after first exposure (mobile test van), the employee wears hearing protectors from 6 months after first exposure until the baseline is obtained (1910.95(g)(5)(ii), (i)(2)(ii)(A)). Baseline testing follows at least 14 hours without workplace noise; hearing protectors may stand in for this (1910.95(g)(5)(iii)).

Hearing protector worn	Foam earplugs

Last hearing conservation training	4 Aug 2026
Days since training	71
Notes	New hire. Booked for the November van visit; wears earplugs on the press line from day one.
Employees in the program	4
Annual audiogram overdue	1
Baseline late	0
Standard threshold shifts	1
STS not told in writing within 21 days	0
STS follow-up not complete	0
Training more than a year ago or not recorded	0

4. Hearing protectors and attenuation

> Hearing protectors are available at no cost to every employee at or above 85 dBA TWA and replaced as necessary. Employees choose from a variety of suitable protectors, get training in use and care, and are fitted at the start, with correct use supervised (1910.95(i)). They are worn by anyone required to wear PPE under 1910.95(b)(1), and by employees at or above 85 dBA who have had a standard threshold shift or are waiting for a baseline under the mobile van rule (1910.95(i)(2)).

Hearing protectors offered 1: Foam earplugs

Type	Foam earplugs
Make and model	Uncorded foam plug, stock item FP-1
NRR on the package	29
Sizes available	Regular and small
Where employees get them	Dispensers at the press line and weld cell entrances

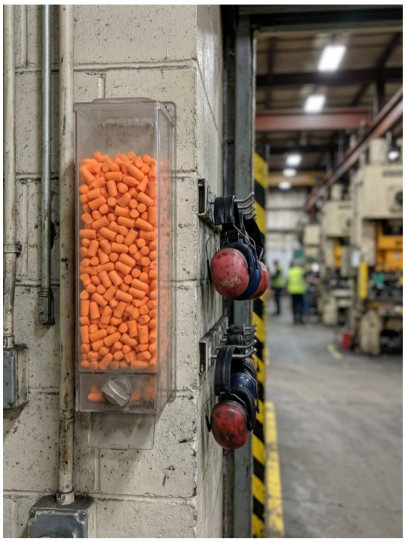
Hearing protectors offered 2: Pre-molded earplugs

Type	Pre-molded earplugs
Make and model	Reusable triple-flange plug, stock item PM-2
NRR on the package	25
Sizes available	One size
Where employees get them	Supervisor office

Hearing protectors offered 3: Earmuffs

Type	Earmuffs
Make and model	Over-the-head earmuff, stock item EM-3
NRR on the package	25
Sizes available	Adjustable
Where employees get them	Tool crib
Types offered	3
Can employees choose from a variety of suitable protectors?	Yes
Initial fitting done and correct use supervised?	Yes
Protectors replaced as necessary?	Yes
Attenuation evaluation method (Appendix B)	NRR method
Attenuation re-evaluated after any increase in exposure?	Yes

Photos of the protector stations



5. Training, information and records

Each employee at or above 85 dBA TWA is trained, and the training is repeated every year and kept up to date with changes in protective equipment and work processes (1910.95(k)).

Training sessions 1: Annual hearing conservation refresher, both shifts

Session	Annual hearing conservation refresher, both shifts
Held on	14 Apr 2026
Given by	K. Lindqvist
Covered	Effects of noise on hearing, Hearing protectors: purpose, types, attenuation, selection, fitting, use and care, Purpose of audiometric testing and how the test is done
Employees attending	13
Who attended	Press line 1 and weld cell crews, first and second shift (sign-in sheet in the EHS binder).

Training sessions 2: New hire hearing conservation training

Session	New hire hearing conservation training
Held on	4 Aug 2026
Given by	K. Lindqvist
Covered	Effects of noise on hearing, Hearing protectors: purpose, types, attenuation, selection, fitting, use and care, Purpose of audiometric testing and how the test is done
Employees attending	1
Who attended	M. Brandt
Sessions recorded	2
Required topics missed in sessions	0
Copy of 1910.95 posted in the workplace and available to affected employees?	Yes
Last acoustic or exhaustive calibration of the audiometer (from the provider)	Acoustic calibration 3 July 2026 (provider letter on file)
Provider keeps records of background sound levels in the test room?	Yes
Where the exposure and audiometric records are kept	EHS office: dosimetry files 2 years; audiograms in locked medical file for the length of employment

> Exposure measurement records are kept for two years and audiometric test records for the duration of the employee's employment. All are provided on request to employees, former employees, their designated representatives and OSHA (1910.95(m)(3), (4)).

6. Result, actions and sign-off

Items needing action	1
Result	Action needed before the next review

Actions 1: Book D. Okafor an audiogram with the provider's clinic before the November van visit.

Action	Book D. Okafor an audiogram with the provider's clinic before the November van visit.
Priority	Now
Who will do it	K. Lindqvist
Due by	21 Oct 2026
Status	In progress

Actions 2: Fit rubber liners to the part tote bins on presses 3 and 4 and re-measure press line 1.

Action	Fit rubber liners to the part tote bins on presses 3 and 4 and re-measure press line 1.
Priority	Within 30 days
Who will do it	J. Whitcombe
Due by	13 Nov 2026
Status	Open
Actions still open	2
Decision	In place: actions to finish
Next check or re-inspection date	13 Nov 2026
Summary for the client	Press line 1 at 92.4 dBA and weld cell at 86.8 dBA are in the program; shipping is below 85. Foam plugs bring press line 1 to an estimated 70.4 dBA. D. Okafor's annual audiogram is overdue (last 19 Aug 2025); R. Castillo's STS was followed up within 21 days.
Program lead name	K. Lindqvist
Program lead signature	
Employer representative name	J. Whitcombe

Employer representative signature

