NOTE: THIS IS NOT AN OFFICIAL MSHA FORM. USE OF THIS FORM IS ENTIRELY OPTIONAL. **Form 4.1**

EXAMPLE – FRONT END LOADER OPERATOR
Sound Level Meter (SLM) Noise Dose Determination

Person Surveyed SLM EXAMPLE 1 **Occupation**_____

Person Completing This Form_____ **Date This Form Completed**_____

Instructions: 1. Enter estimated total exposure time at each applicable noise level. Obtain exposure time values from Form 1.2, Table B. Before entering times on this form, round off values as follows:

a. If total exposure time at a given dBA is less than 15 minutes, enter 15 minutes for that dBA level.
b. If total exposure time at a given dBA is between 15 and 30 minutes, enter 30 minutes for that dBA level.
c. If total exposure time at a given dBA is more than 30 minutes, round to nearest full hour, then enter time for that dBA level.

2. Enter corresponding Action Level Noise Doses. Obtain values from Noise Dose Table, Form 3.
3. Add together all Action Level Noise Doses to yield total Action Level Noise Dose for this person.
4. Enter corresponding Permissible Exposure Limit Noise Doses. Obtain values from Noise Dose Table, Form 3.
5. Add together all Permissible Exposure Limit Noise Doses to yield total Permissible Exposure Limit Noise Dose for this person.

Example 1: See Example 1 from instruction section on Form 1.2. Full shift noise exposure was determined to be 108 minutes @ 93 dBA, 324 minutes @ 86 dBA, and 108 minutes @ 80 dBA. 108 minutes rounds to 2 hours, and 324 minutes rounds to 5 hours. Thus, values for this form are 2-hr @ 93 dBA, 5-hr @ 86 dBA, and 2-hr @ 80 dBA. The corresponding Action Level Noise Doses from the Noise Dose Table are 38%, 38%, and 6%. Adding these percentages together yields total Action Level Noise Dose of 82%. The Permissible Exposure Limit Noise Dose corresponding to this exposure is 38%. (Only exposures above 90 dBA are included in Permissible Exposure Limit Noise Dose. Thus, the only relevant exposure is the 2-hr @ 93 dBA, which from the Noise Dose Table, is 38%.)

Example 2: See Example 2 from instruction section on Form 1.2. Full shift noise exposure was determined to be 500 minutes @ 84 dBA, and 100 minutes @ 95 dBA. 500 minutes rounds to 8 hours, and 100 minutes rounds to 2 hours. Thus, values for this form are 8-hr @ 84 dBA, and 2-hr @ 95 dBA. The corresponding Action Level Noise Doses from the Noise Dose Table are 43% and 50%. Adding these percentages together yields total Action Level Noise Dose of 93%. The Permissible Exposure Limit Noise Dose corresponding to this exposure is 50%. (Only exposures above 90 dBA are included in Permissible Exposure Limit Noise Dose. Thus, the only relevant exposure is the 2-hr @ 95 dBA, which from the Noise Dose Table, is 50%.)

Noise Level	Estimated Total Exposure Time At This Noise Level (Rounded Up To 15 Min., 30 Min., Or Nearest Full Hour)	Action Level Noise Dose (Obtain Noise Dose Values From Noise Dose Table.)	Permissible Exp. Limit Noise Dose (Obtain Noise Dose Values From Noise Dose Table.)
Less Than 80	Noise Levels Less Than 80 dBA Not Applicable		
80	1 Hour	3%	Noise Levels Less Than 90 dBA Not Included In Determination of Permissible Exposure Limit Noise Dose
81			
82			
83	6 Hours	28%	
84	1 Hour	5%	
85	1 Hour	6%	
86			
87			
88			
89			
90			
91			

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EXAMPLE – FRONT END LOADER OPERATOR **Form 4.2**
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Noise Level	Estimated Total Exposure Time At This Noise Level (Rounded Up To 15 Min., 30 Min., Or Nearest Full Hour)	Action Level Noise Dose. Obtain Noise Dose values from Noise Dose Table.	Permissible Exp. Limit Noise Dose. Obtain Noise Dose values from Noise Dose Table.
92			
93			
94			
95			
96			
97			
98			
99			
100			
101			
102			
103			
104			
105			
106			
107			
108			
109			
110			
111			
112			
113			
114			
115			
More Than 115	Exposures Above 115 dBA Not Permitted		
Add All Individual Action Level Noise Doses To Yield Total Action Level Noise Dose. Add All Individual Permissible Exposure Limit Noise Doses To Yield Total Permissible Exposure Limit Noise Dose.		42% Total Action Level Noise Dose	0% Total Permissible Exposure Limit Noise Dose