



THE DANGERS OF CONSTRUCTION NOISE

WHAT IS NOISE POLLUTION?

LONG-TERM EXPOSURE TO NOISE HAS **SIGNIFICANT HEALTH IMPACTS**. THE EEA ESTIMATES THAT SUCH EXPOSURE CAUSES:

UP TO
12,000
PREMATURE DEATHS



AND CONTRIBUTES UP TO

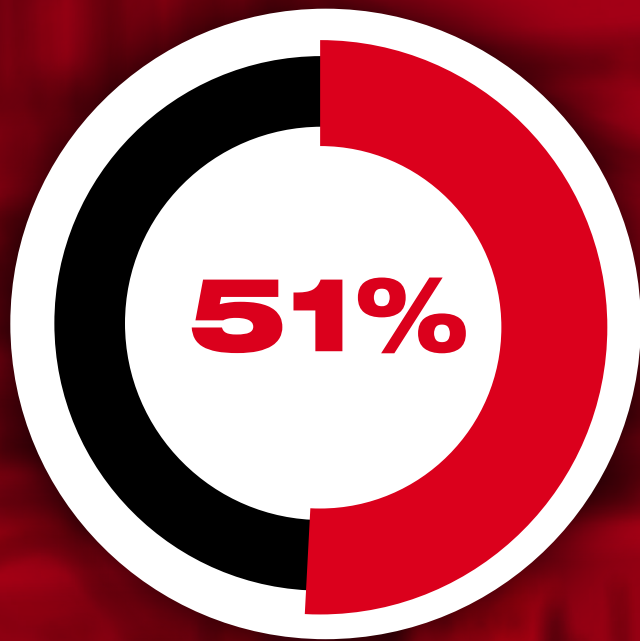
48,000

NEW CASES OF **ISCHEMIC HEART**
DISEASE PER YEAR ACROSS EUROPE.

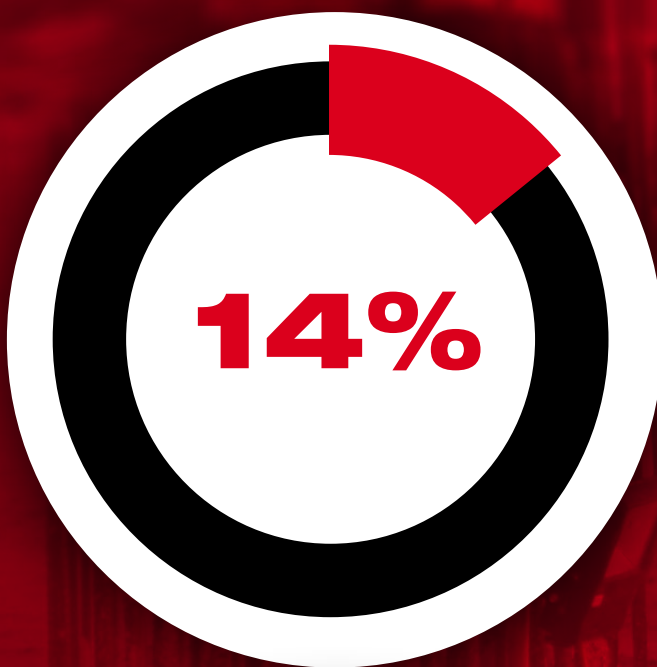


NOISE FROM CONSTRUCTION PROCESSES

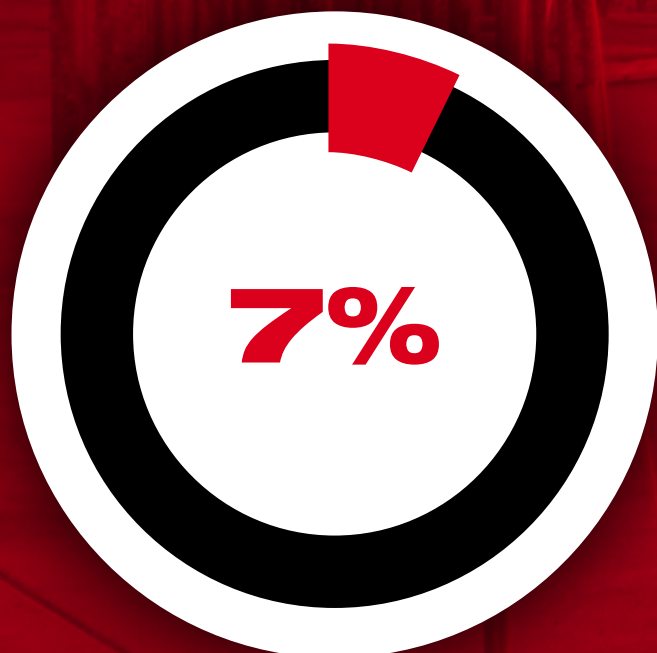
THE STATISTICS FROM THE NATIONAL INSTITUTE FOR
OCCUPATIONAL SAFETY AND HEALTH (**NIOSH**)
MAKE FOR GRIM READING:



OF ALL WORKERS IN CONSTRUCTION
HAVE BEEN EXPOSED TO
HAZARDOUS NOISE



OF ALL CONSTRUCTION WORKERS
HAVE **HEARING DIFFICULTY**



OF ALL CONSTRUCTION WORKERS
HAVE **TINNITUS**



HOW CAN NOISE BE REDUCED?



MANY **FOSSIL FUEL** POWERED CONSTRUCTION TASKS, TOOLS AND EQUIPMENT CAN PRODUCE **HIGH NOISE LEVELS.**



BATTERY POWERED LIGHT EQUIPMENT MAKE A LOT **LESS NOISE** AND HAVE A LOT **LESS VIBRATION** WHEN COMPARED TO DIRECT PETROL-DRIVEN ALTERNATIVES.

HOW CAN NOISE BE REDUCED?

MILWAUKEE® TOOL CONDUCT PRODUCT SOUND POWER TESTS IN **HEMI-ANECHOIC SOUND CHAMBERS** TO ADVANCE PRODUCT DESIGN.

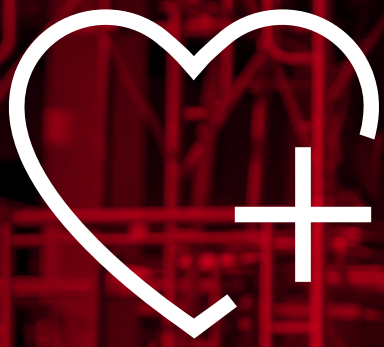


FOR INSTANCE, THE BATTERY POWER OF THE **MX FUEL™ BACKPACK VIBRATOR** HAS A NOISE LEVEL OF JUST **92.9DB(A)**

WHEREAS A PETROL ENGINE BACKPACK VIBRATOR WAS FOUND TO HAVE A MUCH HIGHER NOISE LEVEL OF **101.9DB(A)**.

REDUCTION IMPACT

REDUCING THE NOISE ON A CONSTRUCTION SITE
WILL ALSO REAP **BENEFITS TO SOCIETY** AS A WHOLE,
BY IMPROVING :



WORK CONDITIONS



**REDUCING NOISE-INDUCED
HEALTH IMPACTS**



**MINIMISING THE SITE'S
IMPACT ON ITS NEIGHBOURS**



**GENERALLY CREATING AN
ALL-ROUND BETTER
ENVIRONMENT.**





INNOVATIVE SOLUTIONS

**FUTURE DRIVERS FOR CORDLESS LIGHT EQUIPMENT,
FOR A CLEANER AND SAFER ZERO EMISSIONS JOBSITE.**



**READ THE FULL WHITE PAPER
AVAILABLE IN LINK ABOVE**