TRANSIENT DUST
every year
500+
construction workers
DIE
from lung cancer
causd by silica dust alone

THAT’S
10
PEOPLE
EVERY WEEK
CONSTRUCTION DUST

44% of construction workers think the industry puts VERY LITTLE priority into the control of CONSTRUCTION DUST

ONLY 1 in 3 workers are provided correct extraction

Statistics summarised from the IOSH and CDP Construction Dust Industry Survey 2014 - www.iosh.co.uk/dust
3 CLASSES FOR DUST EXTRACTION

- **L Class** – soft wood and low-grade aggregates
- **M Class** – hardwood, brick dust and concrete work
  - This is where our precast plants fall under
- **H Class** – especially hazardous such as mold, asbestos and chemical bacteria
DUST CREATION AT THE JOBSITE

Jack Hammer

Saw cutting

Grinding
DUST CONTROL TOOLS AND METHODS

Vacuuming – Use HEPA Filtered, OHSA approved

Wet Sweep – spray a water mist to keep dust down while sweeping

Saw with Vacuum attachment
Dividers are a great way to limit the spread of dust between work areas
Proper signage around your facility can go along way. Direct the flow of traffic to minimize dust. Ensure all machinery maintain proper speed limits.
HOUSEKEEPING

- Good housekeeping will help mitigate the affects of dust
- Keep areas free of trash
- Only keep the tools and equipment that you need in the area to help prevent dust build up
- Sweep
- Vacuum
AS ALWAYS PPE!

Goggles

Masks

Glasses
PPE is required on all job sites and it is even more crucial when it comes to dust control. Proper dust masks, safety glasses, goggles, and a filtered dust mask when required, are all helpful in the prevention of dust-related injury.
WATER OR SYNTHETIC?

- Water has been used for dust control all over
- Make sure proper on nozzles are installed on your spraying medium
- Depending on your environment a synthetic solution may be a better answer
DUST CONTROL FOR ROADWAYS

- KEEP WATER DOWN
  - UNPAVED ROADS WILL NEED MORE FREQUENT WATERING
- A SWEEPER OR VACUUM CAN BE USED ON PAVED ROADS