

BEST PRACTICE ALERT



IBG XX/XXX

SITE: Ibstock Brick Throckley

SUBJECT: Dehacker Dust Reduction Project

DATE: 25/09/2023

BACKGROUND

- Historic high dust levels for respirable dust, respirable quartz and inhalable dust on the Dehacker.
- Long term exposure to dust can lead to lung cancer
- With targeted HSE inspections for brick and tile manufacturers reducing dust exposure without the need for tight fitted RPE or powered respirators was a vital project.

BEST PRACTICE

28th February 2023 we receive high dust readings for the Dehacker.

27th March 2023 mist air started installation of mist system in the Dehacker during the maintenance shutdown.

31st March 2023 mist system was fully installed ready for operation.

24th May 2023 retest of dust levels so a dramatic reduction in all types of dust of unto 90%!

Start Time	End Time	Employee	Activity	Shift Length Mins	Respirable Dust mg.m ⁻³ (8hr TWA)	Respirable Quartz mg.m ⁻³ (8hr TWA)	Total Inhalable Dust mg.m ⁻³ (8hr TWA)
Long Term (8hr) Exposure Limit					1.0 ^{AA}	0.1 ^A	5.0 ^{AA}
09:28	14:37	Neil Danksin	De-hacker	720	1.20*	0.25	5.72*
09:11	14:34	Karl Sanderson	De-hacker	720	1.18*	0.21	5.89*
09:09	14:03	Glen Scott	De-hacker	720	0.88*	0.16	6.04*

28th February 2023

24th May 2023

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Long Term (8hr) Exposure Limit					1.0 ^{AA}	0.1 ^A	5.0 ^{AA}
23/05/2023 (De-Hacker)							
09:22	14:22	Josh Derby	De-hacker, sorting	720	0.29*	0.02	0.19*
09:20	14:20	Mehdi Zannen	De-hacker, sorting	720	0.27*	0.02	0.80*
09:25	14:23	Glen Scott	De-hacker, sorting	720	0.30*	0.02	0.81*

Health & Safety **MUST BE** at the



of everything we do



Ibstock
At the heart of building