

Roheena Akhtar**6 King Cliffe Road Birkby Huddersfield HD2 2RR****The Device Used**

The device we have used is called Decibel X. "Decibel X" is one of very few noise meter apps on the market that has highly reliable, pre-calibrated measurements and supports dba, dbc. It turns your iOS device into a professional sound level meter, precisely measures the sound pressure level (SPL) all around you. Here on the right above I have inserted an image of what the device looks like on the app store.

The Results from The Device

These results were recorded early afternoon 1pm. These were recordings of the little amounts of noise made in daytime on site. This Duration of these results were taken of 5 minutes each Reading. The first 5 sets of recording were taken for an **on-site Mixer Machine** and the second set of 5 results are from an **on-site Digger** which looking at the result do not deliver large amount of noise that could disturb others around site. Also, from the readings on each side of the recordings there is an average, a minimum, a maximum and a peak reading of separate recordings.

As you can see in both 5 sets of readings that as further away you get from site where these machines are being functioned the less amounts of noise produced gradually decreases which is a huge benefit as this is not a disturbance for anyone.

The current location of this build is in a position where the houses around are set quite far back away from this property which is also a benefit as noise will hardly be heard from the away distance neighbours around.

The only building which is close to our site is around two metres away which is a club and is usually used on evenings for elderly and parties which is closed during a day and is not an occurrence because no onsite work will be happening due to the time of day.



Results from Recording 1 [Mixer Machine](#)

1 Meter Away from site History Graph Image



Avg: 72.0
Min: 56.6
Max: 77.4
Peak: 83.7

Results from Recoding 2 [Mixer Machine](#)

5 Meters Away from site History Graph Image



Avg: 71.5
Min: 64.4
Max: 77.4
Peak: 85.8

Results from Recording 3 [Mixer Machine](#)

10 Meters Away from site History Graph Image



Avg: 63.9
Min: 58.1
Max: 69.6
Peak: 77.5

Results from Recording 4 [Mixer Machine](#)

20 Meters Away from site History Graph Image



Avg: 80.9
Min: 60.7
Max: 93.2
Peak: 101.9

Results from Recording 5 [Mixer Machine](#)

50 Meters Away from site History Graph Image

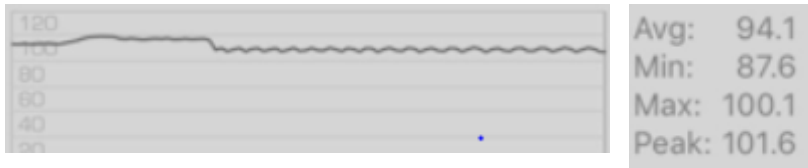


Avg: 74.7
Min: 50.5
Max: 79.6
Peak: 84.4



Results from Recording 1 Digger

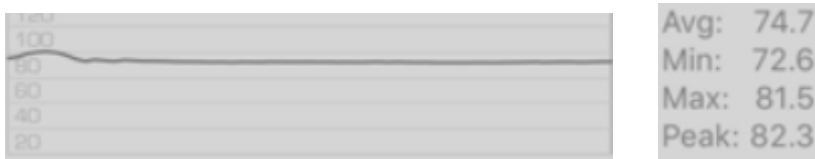
1 Meter Away from site History Graph Image

**Results from Recording 2 Digger**

5 Meters Away from site History Graph Image

**Results from Recording 3 Digger**

10 Meters Away from site History Graph Image

**Results from Recording 4 Digger**

20 Meters Away from site History Graph Image

**Results from Recording 5 Digger**

50 Meters Away from site History Graph Image

