# Measurement Report



**Measurement Details**

Date and Time: 07/10/2016 10:08

Sound Level Meter: Pulsar PU-30 22543811

Run Duration: 00:00:01 hh:mm:ss

Location: Balmoral yard

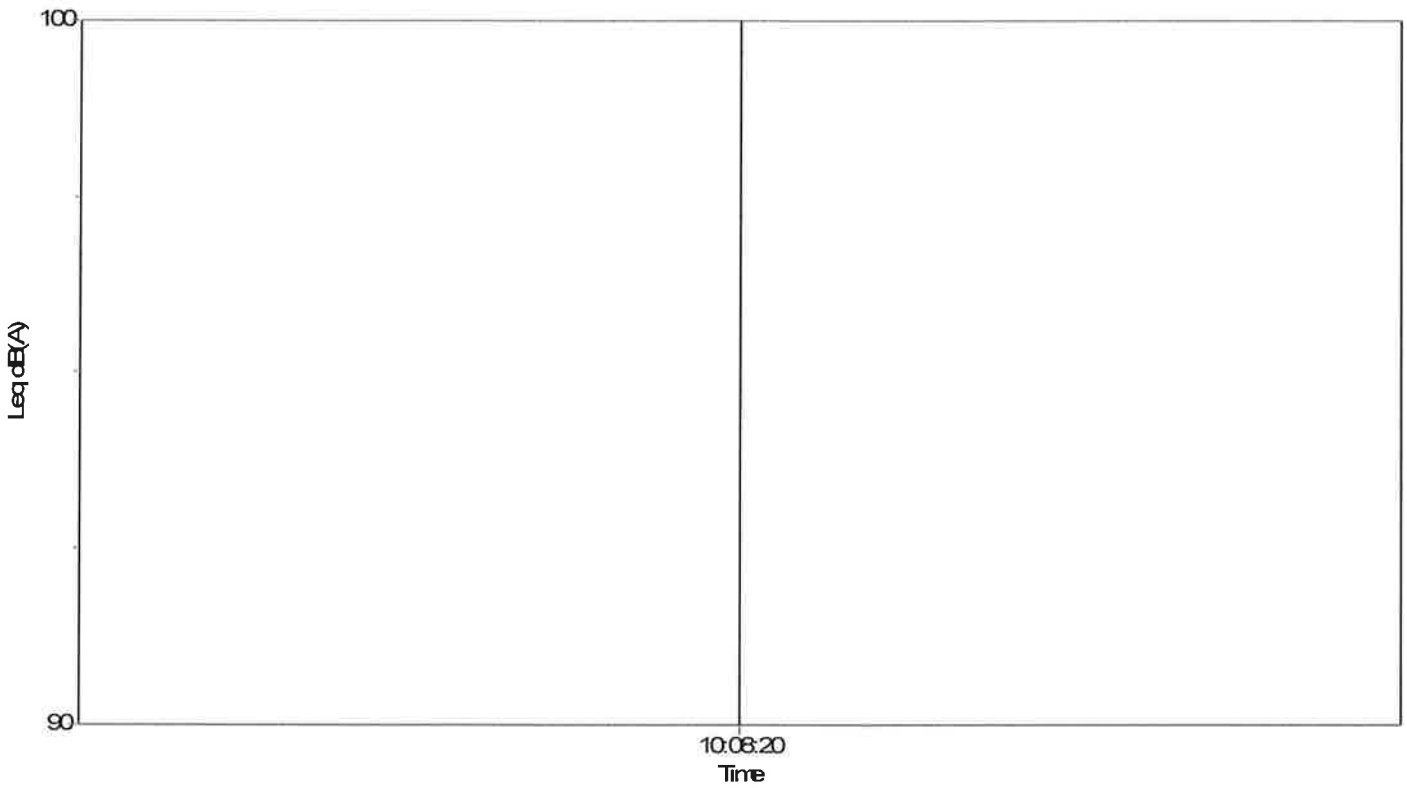
Notes:

Calibration of noise equipment

Calibration completed by Bob Irwin

**Data**

| | | | |
|---|---|---|---|
| Leq | 93.7 dBA | L5.0 | 93.7 dBA |
| Lepd | 49.1 dBA | L10.0 | 93.7 dBA |
| LAE | 93.7 dBA | L50.0 | 93.7 dBA |
| LAFmax | 93.7 dBA | L90.0 | 93.7 dBA |
| Peak | 97.1 dBC | L95.0 | 93.7 dBA |
| | | L99.0 | 93.7 dBA |



# Measurement Report



**Measurement Details**

Date and Time: 07/10/2016 10:09

Sound Level Meter: Pulsar PU-30 22543811

Run Duration: 00:15:00 hh:mm:ss

Location: Balmoral Yard

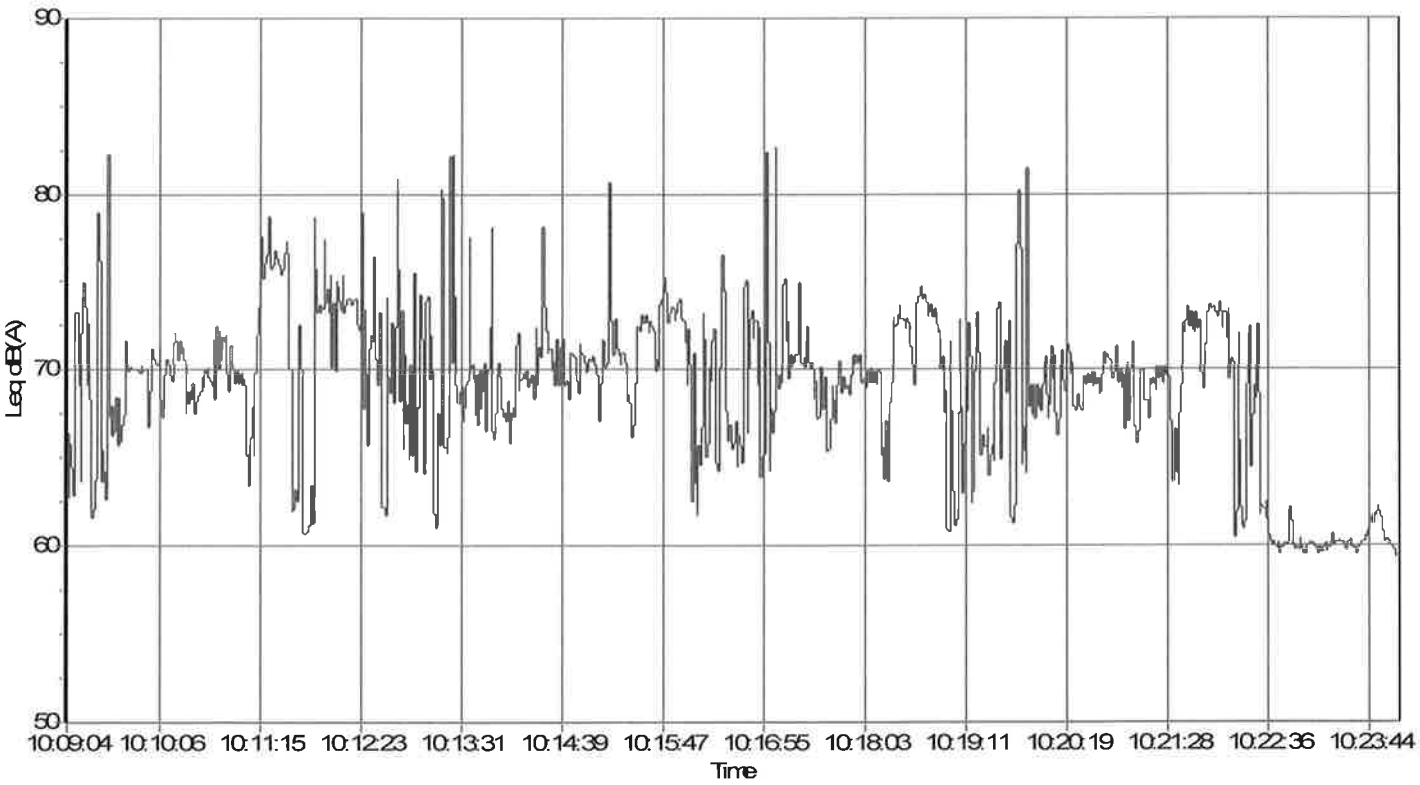
Notes:

Set up noise equipment next to shutter doors on F3 of the factory.
Noise equipment approximatly 30m away from trumpf machine
Weather conditions during noise assessment was showers.
Site movement during noise assessment, forklift and van.
15min noise assessment carried out.
Operative carrying out punch work on the trumpf machine.
Shutter doors open whilst trumpf machine was working

Noise Assessment carried out by Bob Irwin

**Data**

| | | | |
|---|---|---|---|
| Leq | 71.2 dBA | L5.0 | 75.2 dBA |
| Lepd | 56.1 dBA | L10.0 | 74.0 dBA |
| LAE | 100.7 dBA | L50.0 | 69.4 dBA |
| LAFmax | 88.3 dBA | L90.0 | 61.0 dBA |
| Peak | 102.4 dBC | L95.0 | 60.1 dBA |
| | | L99.0 | 59.6 dBA |



# Measurement Report



**Measurement Details**

Date and Time: 07/10/2016 10:24

Sound Level Meter: Pulsar PU-30 22543811

Run Duration: 00:15:00 hh:mm:ss

Location: Barnsley Yard

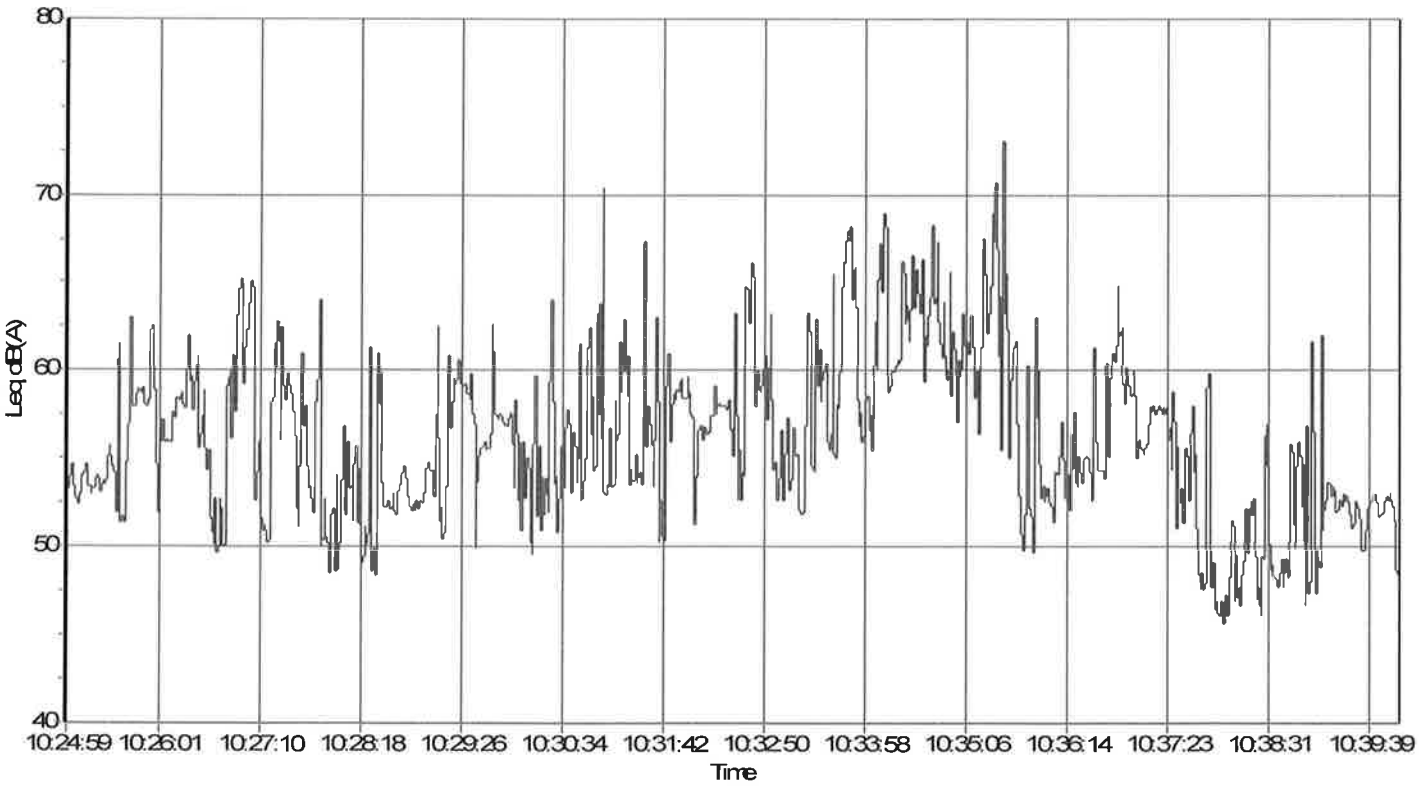
Notes:

Set up noise equipment next to perimiter fence approximatly 25m away from shutter doors F3 factory.
Noise equipment approximatly 55m away from trumpf machine
Weather conditions during noise assessment was showers.
Site movement during noise assessment, forklift and van.
15min noise assessment carried out.
Operative carrying out punch work on the trumpf machine.
Shutter doors open whilst trumpf machine was working

Noise assessment carried out by Bob Irwin

**Data**

| | | | |
|---|---|---|---|
| Leq | 59.0 dBA | L5.0 | 64.6 dBA |
| Lepd | 43.9 dBA | L10.0 | 62.2 dBA |
| LAE | 88.5 dBA | L50.0 | 55.5 dBA |
| LAFmax | 78.1 dBA | L90.0 | 50.1 dBA |
| Peak | 97.6 dBC | L95.0 | 48.4 dBA |
| | | L99.0 | 46.4 dBA |



# Measurement Report



**Measurement Details**

Date and Time: 07/10/2016 10:44

Sound Level Meter: Pulsar PU-30 22543811

Run Duration: 00:15:00 hh:mm:ss

Location: Outside main reception at Balmoral office Barnsley

Notes:

Carried out this assessment to have a comparison with noise generated from traffic on road to trumpf machine working
Set up noise assessment equipment on footpath outside main office.
Name of road Hough Lane, 30mph speed limit, single lane running in both direction.
Construction of road Tarmac.
Road conditions were wet, however no rain during noise assessment.
Over 150 vehicles passed during noise assessment.

Noise assessment carried out by Bob Irwin

**Data**

| | | | |
|---|---|---|---|
| Leq | 73.4 dBA | L5.0 | 78.9 dBA |
| Lepd | 58.3 dBA | L10.0 | 77.3 dBA |
| LAE | 102.9 dBA | L50.0 | 70.5 dBA |
| LAFmax | 86.0 dBA | L90.0 | 61.2 dBA |
| Peak | 104.3 dBC | L95.0 | 58.2 dBA |
| | | L99.0 | 52.4 dBA |

