

Certificate of Conformance

for the EN 352 standard for hearing protectors

PZT GmbH Accredited test laboratory

| | |
|------------------------------------|---|
| Registration No. | 2061602 |
| Company | H.A.S.S. Industrial (Pty) Ltd. 1255 Cobham Road Queenwood Pretoria South Africa |
| Product | Custom moulded ear plugs |
| Trade name | H.A.S.S. Industrial (Pty) Ltd. |
| Model name | Noise-Ban Elite |
| Product description | Reusable, custom moulded ear plugs |
| Applied Specifications / Standards | EN 352-2: 2002 (DIN EN 352-2: 2003) |
| Documentary Evidence | Test report: PZT No. 2061602-1 Issue date: 09.03.2017 |

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|----------------------|--------------------|------------------|------------------|------------------|
| Setting: High | SNR = 36 dB | H = 36 dB | M = 33 dB | L = 31 dB |
| Setting: Low | SNR = 27 dB | H = 30 dB | M = 24 dB | L = 20 dB |

Sound attenuation / Schalldämmung

| Frequency [Hz] | Sound attenuation [dB] | | Standard deviation [dB] | | APV[dB] | |
|----------------|------------------------|------|-------------------------|-----|---------|------|
| | High | Low | High | Low | High | Low |
| 63 | 25.6 | 17.7 | 5.2 | 4.8 | 20.4 | 12.9 |
| 125 | 35.8 | 18.7 | 6.0 | 4.3 | 29.8 | 14.4 |
| 250 | 34.1 | 20.9 | 4.9 | 3.1 | 29.2 | 17.8 |
| 500 | 36.3 | 24.0 | 4.7 | 3.8 | 31.6 | 20.2 |
| 1000 | 37.2 | 38.3 | 3.7 | 3.3 | 33.5 | 25.0 |
| 2000 | 39.0 | 31.7 | 4.8 | 3.7 | 34.2 | 28.0 |
| 4000 | 42.7 | 40.6 | 4.6 | 4.3 | 38.1 | 36.3 |
| 8000 | 45.4 | 43.6 | 5.5 | 6.4 | 39.9 | 37.2 |

PZT GmbH as Testing Laboratory accredited for European Community by DAkkS to test Hearing Protection Equipment confirms that the test report has demonstrated that the tested sample complies with the requirements of the above mentioned standard.

Wilhelmshaven, 13 March 2017



Signed by Christian Gerdes
(Head of test Laboratory)